350 RISING

350 GRAND CONCOURSE

BRONX, NEW YORK

Remedial Action Work Plan

NYSDEC BCP Number: C203153

Prepared for:

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

For Submission to:

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

Prepared by:

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

FEBRUARY 2026

CERTIFICATION STATEMENT

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

Rebecca A. Kinal	2/23/2026	
NYS Professional Engineer #082046	Date	Signature

TABLE OF CONTENTS

EXECUTIVE SUMMARY 1
REMEDIAL ACTION WORK PLAN 7
1.0 INTRODUCTION 7
1.1 Site Location and Description 7
1.2 Contemplated Redevelopment Plan 7
1.3 Description of Surrounding Property 8
2.0 DESCRIPTION OF REMEDIAL INVESTIGATION FINDINGS 9
2.1 Scope Summary Remedial Investigation Report 9
2.2 Geophysical Survey and Utility Mark Outs 9
2.3 Groundwater Monitoring Well Elevation and Location Survey 10
2.4 Soil, Groundwater, and Soil Vapor Sampling 10
2.4.1 Soil Sampling Chemical Analyses 11
2.4.2 Groundwater Sampling Chemical Analyses 13
2.4.3 Soil Vapor Sampling Chemical Analyses 14
2.4.4 Summary Chemical Analytical Work Performed 14
2.5 Geological Conditions 15
2.6 Contamination Conditions 16
2.7 Remedial Investigation Report Findings 16
2.7.1 Soil/Fill Contamination 16
2.7.2 Groundwater Contamination 17
2.7.3 Soil Vapor Contamination 18
2.7.4 Conceptual Model of Site Contamination 18
2.8 Significant Threat 19
2.9 Site History 19
2.9.1 Past Uses and Ownership 19
2.9.2 Sanborn Maps 19
2.9.3 Previous Environmental Reports 22
2.10 Identification of Standards, Criteria and Guidance 29
2.11 Environmental and Public Health Assessments 30
2.11.1 Qualitative Human Health Exposure Assessment 30
2.11.2 Contaminants of Concern in Respective Media 30
2.11.3 Potential Routes of Exposure 31
2.11.4 Exposure Route 31
2.11.5 Potential Receptors 31
2.11.6 Existence of Human Health Exposure Pathways 32
2.11.7 Overall Human Health Exposure Assessment 32
2.12 Remedial Action Objectives 32
2.12.1 Soil 33
2.12.2 Groundwater 33
2.12.3 Soil Vapor 33
3.0 INTERIM REMEDIAL MEASURES 34
3.1 Removal of Former SVE System Subgrade Components 34
3.2 UST and Dispenser Closure Activities 34
3.3 Lead Hotspot Removal (Non-Hazardous) 34
3.4 Contaminated Materials Removal 35
4.0 SITE WASTE CHARACTERIZATION 36
5.0 DESCRIPTION OF REMEDIAL ACTION PLAN 37
5.1 Evaluation of Remedial Alternatives 37

5.2 Selection of the Preferred Remedy 43
5.2.1 Zoning 43
5.2.2 Applicable Comprehensive Community Master Plans or Land Use Plans 43
5.2.3 Surrounding Property Uses 43
5.2.4 Citizen Participation Plan 44
5.2.5 Environmental Justice 44
5.2.6 Land Use Designations 44
5.2.7 Population Growth Patterns 44
5.2.8 Accessibility to Existing Infrastructure 44
5.2.9 Proximity to Cultural Resources 44
5.2.10 Proximity to Natural Resources 44
5.2.11 Off-Site Groundwater Impacts 45
5.2.12 Proximity to Floodplains 45
5.2.13 Geography and Geology of the Site 45
5.2.14 Current Institutional Controls and Engineering Controls 45
5.3 Summary of Selected Remedial Actions 45
6.0 REMEDIAL ACTION PROGRAM 49
6.1 Governing Documents 49
6.1.1 Green and Sustainable Remediation and Climate Resiliency 50
6.1.2 Site Specific Health and Safety Plan 51
6.1.3 Quality Assurance Project Plan 52
6.1.4 Construction Quality Assurance Plan 52
6.1.5 Soil/Materials Management Plan 52
6.1.6 Erosion and Sediment Control Plan 52
6.1.7 Community Air Monitoring Plan 52
6.1.8 Contractors Site Operations Plan 53
6.1.9 Citizen Participation Plan for Proposed Remedial Action 53
6.2 General Remedial Construction Information 53
6.2.1 Project Organization 53
6.2.2 Remedial Engineer 54
6.2.3 Remedial Action Construction Schedule 54
6.2.4 Work Hours 54
6.2.5 Site Security 55
6.2.6 Traffic Control 55
6.2.7 Contingency Plan 55
6.2.8 Worker Training and Monitoring 55
6.2.9 Agency Approvals 55
6.2.10 Pre-Construction Meeting with NYSDEC 56
6.2.11 Emergency Contact Information 56
6.2.12 Remedial Action Costs 56
6.3 Site Preparation 56
6.3.1 Mobilization 56
6.3.2 Monitoring Well Decommissioning 56
6.3.3 Erosion and Sedimentation Controls 56
6.3.4 Stabilized Construction Entrance(s) 57
6.3.5 Utility Marker and Easements Layout 57
6.3.6 Sheeting and Shoring 57
6.3.7 Equipment and Material Staging 57
6.3.8 Decontamination Area 57
6.3.9 Site Fencing 58

6.3.10 Demobilization 58
6.4 Reporting 58
6.4.1 Daily Reports 58
6.4.2 Monthly Reports 59
6.4.3 Other Reporting 59
6.4.4 Complaint Management Plan 59
6.4.5 Deviations from the Remedial Action Work Plan 59
7.0 REMEDIAL ACTION: MATERIAL REMOVAL FROM SITE 60
7.1 Soil Cleanup Objectives 60
7.2 Remedial Performance Evaluation (Post Excavation Endpoint Sampling) 60
7.2.1 End-Point Sampling Frequency 60
7.2.2 Endpoint Sampling and Laboratory Methodology 60
7.2.3 Reporting of Results 61
7.2.4 Quality Assurance/Quality Control 61
7.2.5 Data Usability Summary Reports and Electronic Data Deliverables 61
7.2.6 Reporting of Endpoint Data in Final Engineering Report 61
7.3 Estimated Material Removal Quantities 61
7.4 Soil/Materials Management Plan 62
7.4.1 Soil Screening Methods 62
7.4.2 Stockpile Methods 62
7.4.3 Materials Excavation and Load Out 62
7.4.4 Materials Transport Off-Site 63
7.4.5 Materials Disposal Off-Site 64
7.4.6 Materials Reuse On-Site 66
7.4.7 Fluids Management 66
7.4.8 Demarcation 67
7.4.9 Backfill from Off-Site Sources 67
7.4.10 Contingency Plan 68
7.4.11 Community Air Monitoring Plan 70
7.4.12 Odor, Dust and Nuisance Control Plan 70
8.0 ENGINEERING CONTROLS: TREATMENT SYSTEMS - GROUNDWATER TREATMENT AND MONITORING 72
9.0 RESIDUAL CONTAMINATION TO REMAIN ON-SITE 74
9.1 Soil 74
9.2 Groundwater 74
9.3 Soil Vapor 74
10.0 CONTINGENCY ENGINEERING CONTROL: COMPOSITE COVER SYSTEM 76
11.0 CRITERIA FOR COMPLETION OF REMEDIATION/ TERMINATION OF REMEDIAL SYSTEMS 77
11.1 Composite Cover System 77
11.2 Groundwater Monitoring 77
12.0 INSTITUTIONAL CONTROLS 78
12.1 Environmental Easement 78
12.2 Site Management Plan 79
13.0 FINAL ENGINEERING REPORT 81
13.1 Certifications 81
14.0 SCHEDULE 83

FIGURES

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

IN-TEXT TABLES

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

TABLES

Table 1 – Estimated Costs for Remedial Alternative 1
Table 2 – Estimated Costs for Remedial Alternative 2
Table 3 – Unrestricted Use Soil Cleanup Objectives
Table 4 – Restricted Residential Soil Cleanup Objectives
Table 5 – Protection of Groundwater Soil Cleanup Objectives
Table 6 – Summary of RI Soil Sample Exceedances
Table 7 – List of Permits/Certifications/Approvals

APPENDICES

Appendix A – Standards, Criteria, and Guidance
Appendix B – Metes and Bounds
Appendix C – Redevelopment Plans
Appendix D – Remedial Investigation Report Analytical Results
Appendix E – Significant Threat Determination Documentation
Appendix F – Sanborn Maps
Appendix G – July 2025 Waste Characterization Report
Appendix H – Environmental Footprint Analysis
Appendix I – Climate Vulnerability Assessment
Appendix J – Citizen Participation Plan
Appendix K – Health and Safety Plan
Appendix L – Quality Assurance Project Plan
Appendix M – Construction Quality Assurance Plan
Appendix N – Community Air Monitoring Plan
Appendix O – Request to Import/Reuse Soil or Fill Form
Appendix P – Groundwater Treatment Manufacturer Technical Design Memo

LIST OF ACRONYMS

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

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

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

EXECUTIVE SUMMARY

Site Description/Physical Setting/Site History

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

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

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

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

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

Summary of the Remedial Investigation Report

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

2022 Remedial Investigation Scope

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

2025 Supplement Remedial Investigation Scope

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

Soil/Fill Contamination

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

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

Groundwater Contamination

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

Total iron was detected in all samples and the blind duplicate sample at concentrations up to 5,100 µg/L; lead was detected in two samples and the blind duplicate sample at concentrations up to 34.4 µg/L; magnesium was detected in all samples and the blind duplicate sample at concentrations up to 52,500 µg/L; manganese was detected in all samples and the blind duplicate sample at concentrations up to 366 µg/L; and sodium was detected in all samples and the blind duplicate sample at concentrations ranging up to 399,000 µg/L. These compounds can likely be attributed to sediment entrained in the samples and naturally occurring compounds

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

Soil Vapor Contamination

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

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

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

Qualitative Human Health Exposure Assessment

A Qualitative Human Health Exposure Assessment (QHHEA) was included in the RIR, which was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The RI and SRI were sufficient to complete the QHHEA. Currently, the Site is a vacant, partially concrete-paved lot with gravel covering the locations of the removed aboveground features of the gasoline service station and Interim Remedial Measure (IRM) underground storage tank (UST) excavation. Therefore, potential actual exposure through dermal contact or ingestion route of exposure is unlikely. After Site redevelopment, direct contact with contaminants in sub-surface soil would be prevented by the building slab. Additionally, with no Site occupants, inhalation of contaminants via soil vapor intrusion is not a concern. However, the potential exists for inhalation of contaminated vapor for any future on-site buildings. A soil vapor intrusion evaluation with confirmatory indoor air sampling will be required prior to occupancy of any future on-site buildings.

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

Summary of the Interim Remedial Measures

IRMs were performed at the Site from 2022 through 2025. These activities included: demolition of the existing Site structures; closure and removal of three out-of-service USTs, fill ports, and vent lines; removal of the former SVE system subgrade components; excavation for a soil hotspot in the northern portion of the Site containing elevated concentrations of lead (non-hazardous); and endpoint soil sampling in locations where excavation and removal activities occurred. These IRM activities were performed in accordance with the NYSDEC-approved work plan dated September 2022 and the IRM Modification Request letter dated February 20, 2025. At completion of the IRM activities, AKRF prepared an IRM Construction Completion Report, approved by NYSDEC in February 2026, to document these IRM activities.

Summary of the Remedy

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

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

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

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

    d. Conserving and efficiently managing resources and materials;

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

    f. Maximizing habitat value and creating habitat when possible;

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

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

    As part of the remedial design program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis was completed. Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction and material use were estimated, as well as goals for the project related to these green and sustainable remediation metrics. The project design specifications include detailed requirements to achieve the green and sustainable remediation goals. Further, progress with respect to green and sustainable remediation metrics will be tracked during implementation of the Remedial Action and reported in the Final Engineering Report (FER), including a comparison to the included goals. Additionally, the remedial design program includes a climate change vulnerability assessment to evaluate the impact of climate change on the Site and the proposed remedy.

2. Demolition and abatement (e.g., asbestos, universal waste, etc.) of any remaining materials or foundations from the former gasoline station.
3. Excavation and off-site disposal of soil above RRSCOs and petroleum-related VOCs above PGWSCOs to achieve a Track 2 remedy. At a minimum, this would consist of 5-foot excavation across the Site, with three hotspots to depths of approximately 8.5 to 11 feet bgs, and two petroleum hotspots to depths of 20 to 25 feet bgs. It is estimated that approximately 11,600 cubic yards of contaminated soil will be removed from the Site.
4. Collection and laboratory analysis of confirmatory endpoint samples across the Site at the remedial excavation depth to document remaining concentrations of contaminants in soil after remedial excavation is complete. Endpoint sampling will occur around any additional areas of concern identified during the remedial action based on the sampling frequency outlined in Section 5.4 of DER Technical Guidance for Site Investigation and Remediation (DER-10).
5. A contingency plan for discovery of an unknown source of contamination or areas of concern that may require remediation.
6. Any unknown/unregistered tanks and associated piping, other structures associated with a source of contamination, and/or grossly contaminated soil/fill, if encountered, will be removed in accordance with applicable regulations.
7. Installation of support of excavation (SOE) necessary to enable excavation of contaminated soil/fill. SOE installation will comply with applicable local and state-controlled inspections.
8. A site-specific HASP and CAMP will be implemented during all ground-intrusive Site activities, which includes soil disturbance and loading activities, to monitor levels of VOCs and airborne particulates within the active work zones and around the perimeter of the Site.
9. Screening for indications of contamination (by visual means, odor, and monitoring with a PID soil during all ground-intrusive Site work, including soil disturbance and loading activities.
10. Characterization and off-site disposal of all materials removed from the Site in accordance with all Federal, State, and local rules and regulations for handling, transport, and disposal. Waste disposal facilities will be selected based on the data collected to date and the results of the planned waste classification sampling.
11. Importation of clean fill meeting the requirements of 6 New York Codes, Rules and Regulations (NYCRR) Part 375-6.7(d) to replace the excavated soil and/or to establish the design grades or over-excavated areas. On-site soil that does not exceed RRSCOs for any compound or PGWSCOs for VOCs may be used on-site to backfill the excavation areas or re-grade the Site. Soil exceeding the UUSCO for 1,4-dioxane will not be imported, per DER-10: Appendix 5 - Allowable Constituent Levels for Imported Fill or Soil, Subdivision 5.4(e). If PFOA or PFOS are detected in any sample at or above the RRGVs, it will also be tested by the Synthetic Precipitation Leaching Procedure (SPLP). If the SPLP concentrations of PFOA and PFOS are at or above 10 ppt, the soil will not be reused or imported. Analytical results will be compared to Table 375-6.8(b) of 6 NYCRR Part 375 and submitted to NYSDEC via a *Request to Import/Reuse Soil or Fill* form for review and approval prior to importation and placement on-site. All imported soil or soil proposed for reuse requires NYSDEC review prior to on-site placement. Excavated bedrock from the Site may be reused below the composite cover system (if one is necessary) without the need for sampling unless unsuitable due to visual, olfactory, and/or PID readings indicate contamination.
12. Dewatering in accordance with all federal, state, and local regulations, as necessary, to enable the remedial excavation activities.

13. Groundwater treatment will be performed. This program will consist of surface application of a Regenesis Oxygen Release Compound® (ORC) at the base of remedial excavation in the petroleum hotspots to address groundwater contamination associated with NYSDEC Spill Nos 98-14075 and 01-11974. The ORC application will address potential residual contamination in soil at/below the water table. Following groundwater treatment, four permanent 2-inch diameter polyvinyl chloride (PVC) groundwater monitoring wells will be installed at the Site to monitor petroleum-related VOC concentrations. Quarterly groundwater sample collection will be implemented to evaluate performance of the remedy. Quarterly groundwater monitoring will continue until approved otherwise by New York State Department of Health (NYSDOH) and NYSDEC
14. A soil vapor intrusion evaluation including confirmatory indoor air sampling will be conducted in the future on-site buildings. The soil vapor intrusion evaluation will include indoor air samples collected after the building envelope is completed and the heating, ventilation, and air conditioning system is started. A workplan will be provided for review/comment to NYSDEC and NYSDOH and will include a written evaluation of the soil vapor intrusion exposure pathway, proposed indoor air sampling locations, and a schedule for conducting the sampling prior to occupancy.
15. Recording of an Environmental Easement with the NYC Register to prevent future exposure to any residual contamination remaining at the Site. The Environmental Easement will: require the remedial parties/Site owners to complete and submit a periodic certification of Engineering Controls and Institutional Controls to NYSDEC in accordance with Part 375-1.8 (h)(3); allow the use and development of the Site for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws; restrict the use of groundwater as a source of potable or process water without necessary water quality treatment, as determined by NYSDOH and NYC Department of Health; and require compliance with a Site-specific NYSDEC-approved Site Management Plan (SMP).
16. Preparation of an SMP for long term management of residual contamination as required by the Environmental Easement including plans for: 1) Engineering Controls and Institutional Controls, 2) monitoring (including groundwater monitoring), 3) operation and maintenance, and 4) reporting.
17. If Track 2 restricted residential use cleanup is not achieved in certain areas due to SOE limits, the remedy will achieve a Track 4 cleanup in those areas. The contingent Track 4 cleanup would require many of the same elements as the Track 2 restricted residential cleanup, and also the following elements:

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

    Inclusion of soil management provisions in the SMP, including an Excavation Work Plan.

REMEDIAL ACTION WORK PLAN

1.0 INTRODUCTION

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

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

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

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

1.1 Site Location and Description

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

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

1.2 Contemplated Redevelopment Plan

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

the Remedial Action contemplated under this RAWP may be implemented independent of the proposed redevelopment plan.

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

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

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

1.3 Description of Surrounding Property

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

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

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

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

2.0 DESCRIPTION OF REMEDIAL INVESTIGATION FINDINGS

The Site was investigated in accordance with the scope of work presented in the NYSDEC-approved RI Work Plan (RIWP) dated June 2022 and SRI Work Plan dated April 2025. The investigations were conducted between January 31 and February 11, 2022, and on October 24, 2022; and between May 19 and May 22, 2025. The RI Report (RIR) was submitted to NYSDEC in July 2025.

2.1 Scope Summary Remedial Investigation Report

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

2022 Remedial Investigation

The 2022 RI included:

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

2025 Supplement Remedial Investigation

The 2025 SRI included:

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

2.2 Geophysical Survey and Utility Mark Outs

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

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

The geophysical survey concluded the following:

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

2.3 Groundwater Monitoring Well Elevation and Location Survey

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

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

2.4 Soil, Groundwater, and Soil Vapor Sampling

Soil Sampling

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

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

Groundwater Sampling

For the 2022 RI, a total of three groundwater samples (plus QA/QC samples) were collected. No sample was collected from monitoring well RI-MW-21 since it was dry during the sampling event. The monitoring wells were allowed to rest a minimum of one week following installation prior to sampling. Prior to collecting the groundwater samples, the depth to groundwater and the total well depth were measured in each well using an oil-water interface probe attached to a measuring tape accurate to 0.01 feet. Sampling was in accordance with the United States Environmental Protection

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

Soil Vapor Sampling

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

2.4.1 Soil Sampling Chemical Analyses

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

Table A
2022 RI Soil Sample Details

Boring	Soil Sample Depth (feet bgs)	Analytical Parameters
RI-SB-16	0-2	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	6-8	VOCs
RI-SB-17	1-3	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	9-11	VOCs
RI-SB-18	0-2	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	12-14	VOCs
RI-SB-19	3-5	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	13-15	VOCs
RI-SB-20	0-2	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	12.5-14.5	VOCs
RI-SB-21	0-2	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	6-8	VOCs
RI-SB-22	0-2, 14-16	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
RI-SB-23	0-2	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	12-14	VOCs

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

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

Table B
2025 SRI Soil Sample Details

Boring	Soil Sample Depth (feet bgs)	Analytical Parameters^
SRI-SB-A1-1	3-5, 8-10, 13-15	SVOCs and Metals
SRI-SB-A1-1B	3-5, 5-7, 13-15	VOCs
SRI-SB-A1-2	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
SRI-SB-A1-3	3-5, 7-9	SVOCs and Metals
SRI-SB-A1-3B	3-5, 7-9	VOCs
SRI-SB-A1-4	3-5	SVOCs and Metals
SRI-SB-A1-4B	3-5	VOCs
SRI-SB-A2-1	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
SRI-SB-A2-2	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
SRI-SB-A2-3	3-5, 8-10, 10-12	VOCs, SVOCs, and Metals
SRI-SB-A2-4	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
SRI-SB-A3-1	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
SRI-SB-A3-2	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
SRI-SB-A3-3	3-5, 5-7, 10-12	VOCs, SVOCs, and Metals
SRI-SB-A3-4	3-5, 6-8, 13-15	VOCs, SVOCs, and Metals
SRI-SB-A4-1	3-5, 7-9	VOCs, SVOCs, and Metals
SRI-SB-A4-2	3-5, 6-8	VOCs, SVOCs, and Metals
SRI-SB-A4-3	3-5, 8-10, 10-12	VOCs, SVOCs, and Metals
SRI-SB-A4-4	3-5, 6-8	VOCs, SVOCs, and Metals

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

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

2.4.2 Groundwater Sampling Chemical Analyses

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

2.4.3 Soil Vapor Sampling Chemical Analyses

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

2.4.4 Summary Chemical Analytical Work Performed

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

Table C
2022 RI QA Program

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

Table D
2025 SRI QA Program

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

2.5 Geological Conditions

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

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

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

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

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

2.6 Contamination Conditions

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

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

2.7 Remedial Investigation Report Findings

Soil, groundwater, and soil vapor analytical results included the RIR are included in Appendix D. Concentration maps showing analytes detected above applicable standards are shown for soil on Figures 5A through 5D (additionally the PFAS data from the 2021 Phase II Investigation are included); for groundwater on Figure 6; and for soil vapor on Figure 7. The findings of the RIR are summarized in the sections below:

2.7.1 Soil/Fill Contamination

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

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

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

- The SVOCs 4-methylphenol, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and

indeno(1,2,3-c,d)pyrene were detected at concentrations above their RRSCOs at concentrations up to 4.5 mg/kg [benzo(b)fluoranthene and chrysene]. An additional two SVOCs [4-methylphenol and benzo(k)fluoranthene] were detected above their respective UUSCOs but below their RRSCOs.

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

Soil analytical results from the RIR are included in Appendix D. Concentration maps showing analytes detected above applicable standards are shown for soil on Figures 5A through 5D (additionally the PFAS data from the 2021 Phase II Investigation are included).

2.7.2 Groundwater Contamination

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

more samples. Dissolved magnesium was detected in all samples and the blind duplicate sample at concentrations ranging up to 52,400 µg/L; and dissolved sodium was detected in all samples and the blind duplicate sample at concentrations ranging up to 486,000 µg/L. These metals are attributed to naturally occurring compounds in groundwater.

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

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

2.7.3 Soil Vapor Contamination

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

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

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

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

2.7.4 Conceptual Model of Site Contamination

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

Elevated concentrations of petroleum-related contamination, SVOCs, metals, and to a lesser extent, pesticides and PFAS, were detected in soil/fill across the Site. Elevated concentrations of VOCs, and to a lesser extent SVOCs (likely attributed to sediment entrained in the sample), metals (likely attributed to sediment entrained in the samples and

naturally occurring conditions), and PFAS, were detected in groundwater on the western and southern portion of the Site, and elevated concentrations of petroleum-related VOCs and CVOCs were detected in soil vapor on the southern and western portions of the Site.

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

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

2.8 Significant Threat

The NYSDEC and NYSDOH have determined that this Site does not pose a significant threat to human health and the environment. Notice of that determination has been provided for public review. A copy of the notice is included in Appendix E.

2.9 Site History

2.9.1 Past Uses and Ownership

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

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

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

2.9.2 Sanborn Maps

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

Table F
Summary of Sanborn Maps

Year	Comments
1891	**Site:** The Site was developed with several two- to four-story dwellings. A street labeled Ridge Place ran through the Site. Grand Concourse was labeled as Mott Avenue. **Surrounding Properties:** The surrounding area was developed with several one- to four-story structures. The New York Central Railroad tracks, located on the east-adjacent block, were depicted as the Hudson River, New Haven, and Hartford Railroads. Several one- to four-story residential buildings were located to the north, south, east, and west of the Site, including a property labelled Color Works to the northwest. East 140th Street to the southwest of the Site was labeled as Cheever Place.
1908	**Site:** The northern portion of the Site was similar to the 1891 Sanborn Map. The southern portion was depicted as the NYC and HR Railroad Co. with multiple two- to four-story structures, with one labeled as the Engineers Office. Ridge Place was no longer noted. **Surrounding Properties:** The south-adjacent lot buildings were labeled as construction offices for the NYC and HR Railroad Co. The remainder of the Site block was sparsely developed with one- to -four story residential buildings and a wagon builder further south. The northern portion of the west-adjacent lot was depicted with multiple structures labeled as dry color works and a drug store. The public school on the northwestern block was labeled as Public School No. 31. A building labeled as a bakery was depicted north of the Site, and a surgical dressing factory was labeled northeast of the Site across the railroad tracks. A cabinet maker was located southeast of the Site across the railroad tracks. A machine shop and woodworking company were depicted further west.
1922-1928	**Site:** The Site was not depicted. **Surrounding Properties:** The surrounding area was divided into streets.
1935	**Site:** The central portion of the Site was occupied by an auto sales yard with an office, and a one-story auto painting and repair building with an office and a paint shop. The northern and southern portions of the Site remained unchanged, with the exception of the NYC and HR Railroad Co., which was no longer labeled on the buildings. **Surrounding Properties:** The surrounding area was primarily automotive uses. The south- and east-adjacent lots on the Site block were developed with several auto repair, service, and painting shops. Two gasoline filling stations were noted further south, one with four 550-gallon gasoline USTs and the other with three 550-gallon gasoline USTs. The north-adjacent lot was developed with two five-story apartment buildings and Mott Avenue was renamed to Grand Concourse. The west-adjacent block contained: two separate two-story garages with two 550-gallon gasoline USTs each; a private garage and repair shop with three 550-gallon gasoline USTs; a Chevrolet service and show room with one 550-gallon UST; a one-story warehouse for storage of bottles and autos; and one remaining building from the dry color works structures. Further west, a fur dressing and dyeing company, a large baking company, a wagon repair shop, a machine shop, a printer, construction equipment sales and repair, and a carpet cleaning business were noted. A contractor yard was depicted north across East 144th Street, and the surgical dressing factory was now a vacant lot. The eastern block across the railroad tracks was developed with a machine shop, assembling room, blacksmith, private garage, auto house, and ice cream manufacturer with a 550-gallon UST. Further southeast, an auto repair shop with a 550-gallon gasoline UST, contractors' yards, a door and sash factory, and a casket shop were depicted. Southwest across Grand Concourse and East 140th Street, multiple auto garages with gasoline USTs, and auto repair shops were depicted.

Year	Comments
1944-1947	**Site:** The Site was depicted with two separate gasoline filling stations. The northern filling station was noted with four gasoline USTs and the southern filling station was noted with five gasoline USTs. The central portion of the Site was occupied by a two-story residential building noted to be vacant in 1944, and an auto repair shop. All other structures on the Site were removed from the Sanborn map. **Surrounding Properties:** The structures on the south- and east-adjacent lots on the Site block were mostly no longer depicted, with the exception of the two auto repair shops to the south. The lots north-adjacent and further to the south were similar to the 1935 Sanborn map. The west-adjacent block remained mostly unchanged, and the garage on the corner of Grand Concourse and East 140th Street was now depicted as a gasoline filling station with five gasoline USTs. Further west, the wagon repair shop was replaced with a garage and a large laundry corporation with multiple structures depicted. The contractor yard to the north was now developed with a coal yard and office. The auto repair shops on the southeastern block across the railroad tracks were replaced with a garment factory, the casket shop was redeveloped with a plating company, and the door and sash factory was replaced with a welding business. Southwest across Grand Concourse and East 140th Street, the auto garages were replaced with a single filling station with seven gasoline USTs.
1951	**Site:** The central portion of the Site was depicted as auto sales, auto body repair, and upholstery. The remaining buildings were labeled similarly to previous Sanborn maps. **Surrounding Properties:** The east-adjacent lot on the Site block was depicted with a paint spraying structure. The reminder of the Site block appeared similar to the 1947 Sanborn map. The west-adjacent block remained mostly unchanged, other than the demolition of the northern-most structures and replacement with a parking lot. Further west, one of the vacant lots was developed with a laundry plant. The eastern and southeastern blocks across the railroad tracks remained mostly unchanged. Southwest across Grand Concourse and East 140th Street, a private garage was developed on a vacant lot and noted with two gasoline USTs.
1977-1989	**Site:** The northern gasoline filling station was redeveloped and enlarged, replacing the previous filling station, residential building, and auto sales and repair shops. The southern portion of the Site remained unchanged. **Surrounding Properties:** The paint spraying structure was demolished on the east-adjacent lot, and the auto body repair shops and filling station to the south were reconfigured and expanded. An auto body shop was also observed east-adjacent to the Site between 1977-1978. By 1981, both gasoline stations to the south on the Site block were replaced with an auto repair shop and parking lots with no gasoline USTs noted. The west-adjacent block was developed with automotive uses and unnamed warehouses. In 1980, the central warehouse was depicted in the current configuration as the U-Haul Rental and Storage building. Further west and north, the blocks remained mostly unchanged; however, the carpet cleaner and coal yard were no longer depicted. The eastern block across the railroad tracks was now developed with a metal products warehouse, replacing the blacksmith and machine shops. Further southeast, the plating company was no longer depicted, and a filling station with parking was noted on Park Avenue until 1986. By 1989, the lot was noted as parking only. Southwest across Grand Concourse and East 140th Street, an auto service shop with no USTs was noted.
1991-2001	**Site:** The southern gasoline filling station was redeveloped on the western portion and a one-story store was depicted in the southeastern portion of the Site. The northern portion of the Site remained unchanged. **Surrounding Properties:** The Site block and the surrounding area appeared mostly unchanged from previous Sanborn maps, with some additional automotive related buildings in the southern portion of the Site block.

Year	Comments
2002	**Site:** The Site buildings were demolished, and the lots were vacant. **Surrounding Properties:** The Site block and surrounding areas remained similar to the 2001 Sanborn Map.
2003-2007	**Site:** The Site was developed with a large central gasoline filling station and a one-story commercial store in the northern portion. **Surrounding Properties:** The Site block and surrounding areas remained similar to the 2002 Sanborn Map.

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

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

2.9.3 Previous Environmental Reports

Previous environmental reports are summarized below.

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

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

- The Site was observed to be a former gasoline service station, with three 12,000-gallon gasoline USTs within a tank field in the southeastern corner of the Site, two minimally filled 55-gallon drums of a gasoline/water mixture in the rear yard of the convenience store, and nine gasoline pump dispenser islands in the center of the Site. Petroleum-like staining was observed on and around each of the gasoline pump dispenser islands and within the tank field area. Multiple monitoring wells and suspected soil vapor extraction (SVE) system wells were observed throughout the Site, most of which were in a damaged and/or decommissioned condition. Two out-of-service SVE system vaults with associated gauges and hoses were observed near the eastern property line. An unidentified drywell with an unknown discharge point was observed in the northwestern corner of the Site, behind the convenience store.
- The Site was identified on historical Sanborn maps, city directories, and local records, and in the following databases for current and former operations (including various automotive services/repair and petroleum storage/filling uses): NYSDEC Petroleum Spills, Resource Conservation and Recovery Act (RCRA) Generator/Transporter, NYSDEC PBS, and the Environmental Data Resources, Inc. (EDR) Historic Auto Station. NYSDEC Spill Nos. 98-14075 and 01-11974 remain open, which are associated with the Site.
- A review of the historical city directories, Sanborn maps, and regulatory databases identified numerous automotive, commercial, and dry cleaning/laundry uses on adjacent and surrounding blocks as early as 1891.

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

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

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

A summary of the analytical results (compared to the SCOs at the time of report issuance, 2021) is as follows:

Soil

- Concentrations of one or more VOCs, specifically petroleum-related VOCs, exceeded their respective UUSCOs and PGWSCOs, but not their RRSCOs, in four soil samples at concentrations up to 48 mg/kg (n-propylbenzene). The VOCs were attributed to the former usage of the Site as a gasoline station and auto repair.
- The SVOCs dibenz(a,h)anthracene and indeno(1,2,3-c,d)pyrene exceeded their respective RRSCOs in one sample collected from the top 2 feet from soil boring SB-10 at concentrations up to 1.6 mg/kg (indeno(1,2,3-c,d)pyrene). These SVOCs are considered polycyclic aromatic hydrocarbons (PAHs), a class of compounds commonly found in ash, asphalt, and petroleum products, and may have been attributable to the historic fill material observed in the boring at the corresponding depth, and/or former on-site automobile-related uses, including former USTs, along with the NYSDEC Spill Nos. 98-14075 and 01-11974.
- Barium, copper, and lead were detected at concentrations above their respective RRSCOs in three soil samples analyzed from within the historic fill layer at concentrations up to 1,970 mg/kg (copper). Elevated concentrations of other metals (hexavalent chromium, nickel, mercury, and zinc) were detected above the UUSCOs, but below the RRSCOs in multiple soil samples. These findings were attributed to the historic fill material observed in the borings at corresponding depths; however, the some of the metals detected could have been associated with the former Site usage of leaded-gasoline and/or former auto repair.
- PCBs (Aroclor 1248 and Aroclor 1254) were detected in two samples at concentrations above the UUSCOs, but below the RRSCOs at concentrations up to 0.44 mg/kg. The detected PCBs were attributed to historic fill material but may also be related to former auto repair usage/repair.
- Three pesticides (4,4'-DDE, 4,4'-DDT, and dieldrin) were also detected in samples exceeding the UUSCOs, but below the RRSCOs at concentrations up to 0.057 mg/kg

(4,4'-DDT). The detected pesticides were attributed to historic fill material, which was observed in each of the borings.

- PFOS and PFOA were detected in one or more soil samples collected from the top 2 feet bgs at concentrations up to 11.8 ppb, which may have been attributable to the former Site usage as a gasoline station and auto repair and its fire suppression equipment and/or an off-site source. These PFAS compounds were detected at concentrations above the UUGVs, but below the RRGVs.

Groundwater

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

Soil Vapor

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

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

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

analysis of one soil vapor sample from each. This RIR summarizes the RI activities and the findings.

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

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

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

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

- The Site was identified on historical Sanborn maps, city directories, local records, and in the following databases for former operations, including various automotive services/repair as well as petroleum storage/filling: NYSDEC Petroleum Spills, RCRA Generator/Transporter, NYSDEC PBS, NYSDEC BCP, Aerometric Information Retrieval System Facility Subsystem, Facility Index System/Facility Registry System, Enforcement & Compliance History Information, New York and New Jersey Manifest, and EDR Historic Auto Station.
- The Site was enrolled in the BCP in 2022. Previous environmental investigations identified petroleum-related VOCs, SVOCs, metals, pesticides, and PFAS in soil; petroleum-related VOCs, SVOCs, metals, and PFAS in groundwater; and solvent- and petroleum-related VOCs in soil vapor. The contamination appeared to be related to a combination of historic fill materials and historic Site operations, including gasoline station and auto repair. NYSDEC Spill Nos. 98-14075 and 01-11974 previously assigned to the Site remain open.
- Typical fire suppression equipment (fire extinguishers and sprinklers under a gasoline dispenser canopy) associated with the former gasoline station at the Site may have included the use of chemicals containing PFAS.
- The regulatory databases, historical Sanborn maps, City Directory listings, and the reconnaissance identified the following adjacent and nearby properties with some potential to have affected the Site subsurface:
    a. U-Haul, located at 350-368 Walton Avenue, west-adjacent to the Site across Grand Concourse, was listed with NYSDEC Spill Nos. 93-07897 and 00-12172 when BTEX- and MTBE-contaminated soil and groundwater were encountered during redevelopment activities at that property. This property was also listed in the RCRA- small quantity generators database for benzene, tetrachloroethylene, and ignitable waste between 1993 and 2023. Multiple rounds of groundwater sampling in 2001 and 2002 showed concentrations of BTEX and MTBE were decreasing.

NYSDEC issued a No Further Action Letter for Spill Nos. 93-07897 and 00-12172 in 2002 and 2003, respectively.

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

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

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

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

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

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

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

Interim Remedial Measure Construction Completion Report – 350 Grand Concourse, Bronx, NY, AKRF, February 2026

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

Remedial Investigation Report – 350 Grand Concourse, Bronx, NY, AKRF, February 2026

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

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

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

Soil

- VOCs - Acetone in 23 samples and ethylbenzene in one sample were detected above their respective PGWSCOs and UUSCOs, but below their RRSCOs at concentrations up to 0.29 mg/kg for acetone and at 9.8 mg/kg for ethylbenzene. According to the associated DUSRs, acetone is common laboratory contaminant but was not detected in the corresponding laboratory blanks; therefore, the data should be used with caution when making decisions regarding detections in field samples.
- SVOCs - Six PAHs (a subset of SVOCs) were detected at concentrations above their RRSCOs at concentrations up to 4.5 mg/kg [benzo(b)fluoranthene and chrysene]. An additional two PAHs [4-methylphenol and benzo(k)fluoranthene] were detected above their UUSCOs but below their RRSCOs.
- Metals - All 25 metals were detected in one or more of the soil samples analyzed. The following five metals were detected above their RRSCOs: barium (max. 1,630 mg/kg), cadmium (max. 4.5 mg/kg), copper (max. 282 mg/kg), lead (max. 1,240 mg/kg), and mercury (max. 43.2 mg/kg). Five other metals (arsenic, hexavalent chromium, nickel, and zinc) were detected above their UUSCOs but below their RRSCOs.
- PCBs were not detected in the soil samples analyzed.
- Three pesticides were detected in one or more of the soil samples at concentrations above the UUSCOs, but below their RRSCOs, up to 0.048 mg/kg (dieldrin).
- PFOS and PFOA were detected in one or more soil samples at concentrations above their UUGVs and PGWGVs, but below the RRGVs, including: PFOS (max. 3.21 ppb) and PFAS (max. 0.92 ppb).
- Visual, olfactory, and PID soil screening of the soil borings indicated two petroleum hotspots to depths up to 20 to 25 feet bgs (terminus of the borings before refusal on apparent weather bedrock) in the western and southwestern portions of the Site.

Groundwater

- Seven VOCs were detected above their respective AWQSGVs in one sample, including: benzene (32 µg/L), isopropylbenzene (16 µg/L), m/p-xylenes (28 µg/L), MTBE (13 µg/L), n-propylbenzene (14 µg/L), sec-butylbenzene (5.2 µg/L), and toluene (7.8 µg/L).
- Twenty-five SVOCs were detected in one or more of the groundwater samples analyzed. Three SVOCs were detected at concentrations above their respective AWQSGVs in one sample: benzo(a)anthracene (max. 0.91 µg/L), benzo(a)pyrene (max. 0.62 µg/L), and phenol (max. 3.3 µg/L). These SVOC concentrations are believed to be attributed to sediment entrained in the sample, due to elevated turbidity (197 NTUs) that did not dissipate during low-flow purging and since the sample was an unfiltered sample.
- Twenty metals were detected in the total (unfiltered) groundwater samples, and five metals (iron, lead, magnesium, manganese, and sodium) were detected above the AWQSGVs in one or more samples. Total iron was detected in all samples and the blind duplicate sample at concentrations ranging up to 5,100 µg/L; lead was detected in two samples and the blind duplicate sample at concentrations up to 34.4 µg/L; magnesium was detected in all samples and the blind duplicate sample at concentrations ranging up to 52,500 µg/L; manganese was detected in all samples and the blind duplicate sample at concentrations ranging up to 366 µg/L; and sodium was detected in all samples and the blind duplicate sample at concentrations ranging up to 399,000 µg/L. These compounds can likely be attributed to sediment entrained in the samples and naturally occurring compounds.
- Nineteen metals were detected in the dissolved (filtered) groundwater samples, and two metals (magnesium and sodium) were detected above the AWQSGVs in one or more samples. Dissolved magnesium was detected in all samples and the blind duplicate sample at concentrations ranging up to 52,400 µg/L; and dissolved sodium was detected in all samples and the blind duplicate sample at concentrations ranging up to 486,000 µg/L. These metals are attributed to naturally occurring compounds in groundwater.
- PCBs and pesticides were not detected above laboratory reporting limits in any of the groundwater samples.
- Eleven PFAS compounds were detected in one or more of the groundwater samples. PFOA and PFOS were detected in all three samples (and the blind duplicate sample) at concentrations ranging from 12.3 to 38.9 ppt, above their respective Screening Levels.

Soil Vapor

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

VOCs associated with petroleum [including BTEX, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2,2,4-trimethylpentane, 2-hexanone, 4-ethyltoluene, butane, cyclohexane, MEK, methyl isobutyl ketone (4-methyl-2-pentanone), n-heptane, n-hexane,

and MTBE] were detected in one or more samples at concentrations up to 670,000 µg/m^3 (2,2,4-trimethylpentane).

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

2.10 Identification of Standards, Criteria and Guidance

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

- Soil – 6 New York Code of Rules and Regulations (NYCRR) Part 375 UUSCOs, RRSCOs, and PGWSCOs (for VOCs only) (December 2006); 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes; 6 NYCRR Part 376 - Land Disposal Restrictions; and 6 NYCRR Part 360 - Solid Waste Management Facilities.
- Groundwater – 6 NYCRR Parts 700-706 - Water Quality Standards (June 1998), and Technical Operational and Guidance Series (TOGS) 1.1.1 AWQSGVs and Groundwater Effluent Limitations; *Sampling, Analysis, And Assessment of Per- And Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs* (April 2023); and the March 2023 Water Quality Guidance Values to Regulate PFOA, PFOS, and 1, 4-Dioxane.

In addition, the following SCGs are applicable to the remedial program at the Site:

- NYSDEC DER-10 – Technical Guidance for Site Investigation and Remediation (May 2010)
- NYSDOH Generic CAMP
- NYSDEC DER-23 – Citizen Participation Handbook for Remedial Programs (January 2021)
- 6 NYCRR Part 372 – Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities (November 1998)
- 6 NYCRR Subpart 374-1 – Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities (November 1998)
- 6 NYCRR Subpart 374-3 – Standards for Universal Waste (November 1998)
- 6 NYCRR Part 375 – Environmental Remediation Programs (December 2006)
- 6 NYCRR Parts 595-599, 613, 370, 374-2 – Bulk Storage of Petroleum Tanks and Chemicals; Management of Used Oil (October 2015; November 2015)
- 40 Code of Federal Regulations (CFR) Part 280 – Technical Standards and Corrective Action Requirements for Owners and Operators of USTs
- 29 CFR Part 1910.120 – Hazardous Waste Operations and Emergency Response
- 40 CFR Part 144 – Underground Injection Control Program
- NYSDOH Soil Vapor Intrusion Matrix – NYSDOH Sub-Slab Vapor Concentration which may require monitoring or mitigation ("NYSDOH Vapor Intrusion Guidance Document") (October 2006, updated February 2024)
- NYSDEC Sampling, Analysis, and Assessment of PFAS (April 2023)
- NYSDEC DER-31 – Green Remediation (January 2011)

Additional regulations and guidance may be applicable, relevant, and appropriate to the remedial alternatives and will be complied with in connection with implementation of the remedial program.

However, the list above is intended to represent the principal SCGs that should be considered in evaluating the remedial alternatives for the Site. SCGs for the Site are provided in Appendix A.

2.11 Environmental and Public Health Assessments

2.11.1 Qualitative Human Health Exposure Assessment

The objective of the Qualitative Human Health Exposure Assessment (QHHEA) is to identify potential receptors and pathways for human exposure to the contaminants of concern that are present at, or migrating from, the Site. The identification of exposure pathways describes the route that the contaminants of concern takes to travel from the source to the receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur.

The RI and SRI are sufficient to complete a QHHEA. The QHHEA was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The sampling data from the RI and SRI was evaluated to determine whether there is any health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. The QHHEA was prepared in accordance with Appendix 3B and Section 3.3 (c) 4 of the NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation.

2.11.2 Contaminants of Concern in Respective Media

Based on field and sampling data obtained during the RI and SRI, the contaminants of concern are:

Soil

- The VOC ethylbenzene (acetone, which was also detected in groundwater, is a common laboratory agent; therefore, those detections may not be reflective of on-site contamination);
- The SVOCs 4-methylphenol, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene;
- The metals arsenic, barium, cadmium, copper, lead, mercury, nickel, zinc, and hexavalent chromium;
- The pesticides 4,4'-DDT, aldrin, and dieldrin; and
- PFOS and PFOA.

Groundwater

- The VOCs benzene, isopropylbenzene, m,p-xylenes, n-propylbenzene, sec-butylbenzene, MTBE, and toluene;
- The SVOCs benzo(a)anthracene, benzo(a)pyrene, and phenol which are likely attributed to sediment entrained in the sample since the sample's turbidity did not stabilize after 2 hours of purging;
- The metals magnesium and sodium can likely be attributed to naturally occurring compounds in groundwater [lead, manganese, and iron detected in the total (unfiltered) samples can likely be attributed to sediment entrained in the samples since these compounds were not detected in the filtered samples]; and

- PFOS and PFOA.

Soil Vapor

- Petroleum-related VOCs and CVOCs.

2.11.3 Potential Routes of Exposure

The five elements of an exposure pathway are:

1. The source of contamination;
2. The environmental media and transport mechanisms;
3. The point of exposure;
4. The route of exposure; and
5. The receptor population.

These elements of an exposure pathway may be based on past, present, or future events. An exposure pathway is considered complete when all five elements of an exposure pathway are documented. A potential exposure pathway exists when any one or more of the five elements comprising an exposure pathway cannot be documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future.

2.11.4 Exposure Route

An exposure route is the mechanism by which a receptor comes into contact with a chemical. Three potential primary routes exist by which chemicals can enter the body:

- Ingestion of water, fill, and/or soil;
- Dermal contact with water, fill, soil, and/or building materials; and
- Inhalation of vapors and/or particulates.

2.11.5 Potential Receptors

Currently, the Site is a vacant, partially concrete-paved lot with gravel covering the locations of the removed aboveground features of the gasoline service station and IRM UST excavation. The area immediately surrounding the Site includes automotive, commercial, transit and residential uses, with a wooded vacant lot to the east. The anticipated future use of the Site is a mixed-use commercial (grocery store) and multi-family residential building.

On-Site Receptors: The Site is currently vacant. During redevelopment of the Site, the on-site potential sensitive receptors will include construction workers and inspectors. Once the Site is redeveloped, the on-site potential receptors will include employees, grocery store customers, community members, vendors, and inspectors.

Off-Site Receptors: Potential off-site receptors within a 0.25-mile radius of the Site include adult and child residents, commercial and construction workers, pedestrians, trespassers, and cyclists, based on the following:

1. Commercial Businesses – existing and future
2. Residential Buildings – existing and future

3. Building Construction/Renovation – existing and future
4. Pedestrians, Cyclists – existing and future
5. Daycare Facility(ies) – existing and future
6. Schools – existing and future

2.11.6 Existence of Human Health Exposure Pathways

This evaluation consists of the following: contaminant source; contaminant release and transport mechanism; point of exposure; route of exposure; and receptor population.

Human direct contact with the on-site contaminants is mitigated by the majority of the Site currently capped with a concrete-paved surface, with some gravel-covered areas. The concrete pavement was observed to be in moderate condition with some factures, breaks, and open areas. Groundwater is not used for drinking or other potable purposes in the Bronx, and the Site is served by a public water supply that is not affected by Site contamination. Currently there are no on-site buildings where vapor intrusion may occur; however, soil vapor may be impacting off-site buildings.

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

Once redevelopment of the Site has been completed, there could be a potential exposure pathway from the potential off-gassing of residual organic vapors in the soil and/or groundwater through cracks or openings in the foundations of the any new on-site building or an off-site building.

2.11.7 Overall Human Health Exposure Assessment

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

2.12 Remedial Action Objectives

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

2.12.1 Soil

RAOs for Public Health Protection

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

RAOs for Environmental Protection

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

2.12.2 Groundwater

RAOs for Public Health Protection

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

RAOs for Environmental Protection

- Remove the source of groundwater contamination.
- Restore groundwater aquifer, to the extent practicable, to pre-disposal/pre- release conditions.

2.12.3 Soil Vapor

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

3.0 INTERIM REMEDIAL MEASURES

IRMs were performed at the Site from 2022 through 2025. These activities included: demolition of the existing Site structures; closure and removal of three out-of-service USTs, fill ports, and vent lines; removal of the former SVE system subgrade components; excavation for a soil hotspot in the northern portion of the Site containing elevated concentrations of lead (non-hazardous); and endpoint soil sampling in locations where excavation and removal activities occurred. These IRM activities were performed in accordance with the NYSDEC-approved IRMWP dated September 2022 and the IRM Modification Request letter dated February 20, 2025. At completion of the IRM activities, AKRF prepared an IRM CCR, approved by NYSDEC in February 2026, to document these IRM activities. The IRM activities are described in more detail in the sections below.

3.1 Removal of Former SVE System Subgrade Components

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

3.2 UST and Dispenser Closure Activities

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

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

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

3.3 Lead Hotspot Removal (Non-Hazardous)

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

3.4 Contaminated Materials Removal

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

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

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

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

4.0 SITE WASTE CHARACTERIZATION

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

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

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

5.0 DESCRIPTION OF REMEDIAL ACTION PLAN

5.1 Evaluation of Remedial Alternatives

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

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

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

- 6 NYCRR Part 364 - NYS Waste Transporter Permits
- 6 NYCRR Part 360 - NYS Solid Waste Management Requirements
- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes
- 6 NYCRR Part 372 - Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities
- 6 NYCRR Subpart 374-2 - Standards for the Management of Used Oil
- 6 NYCRR Part 375 - Environmental Remediation Programs
- 6 NYCRR Part 376 - Land Disposal Restrictions
- 6 NYCRR Part 613 - Petroleum Bulk Storage
- 6 NYCRR Part 661 - Tidal Wetlands - Land Use Regulations
- 6 NYCRR Part 663 - Freshwater Wetlands - Permit Requirements
- 6 NYCRR Parts 700-706 – Classes and Standards of Quality and Purity
- 6 NYCRR Part 750 - State Pollutant Discharge Elimination System (SPDES) Permits
- 29 CFR Part 1910.120 - Hazardous Waste Operations and Emergency Response
- 40 CFR Part 144 - Underground Injection Control Program

- CP-43 - Commissioner Policy on Groundwater Monitoring Well Decommissioning (December 2009)
- CP-49 – Climate Change and DEC Action (2022)
- CP-51- Soil Cleanup Guidance (2010)
- CP-60 – Screening and Assessment of Contaminated Sediment (2014)
- DER-2 - Making Changes to Selected Remedies (April 2008)
- DER-4 – Management of Coal Tar Waste & Coal Tar Contaminated Soils from Manufactured Gas Plants (2001)
- DER-10 – Technical Guidance for Site Investigation and Remediation (2010)
- DER-13 – Strategy for Evaluating Soil Vapor Intrusion at Remedial Sites in New York (2006)
- DER-23 – Citizen Participation Handbook for Remedial Programs (2010)
- DER-31 – Green Remediation (2010)
- DER-32 – Brownfield Cleanup Program Applications and Agreements (2017)
- DER-33 – Guide to Drafting and Recording Institutional Controls (2010)
- TAGM 3028 - "Contained In" Criteria for Environmental Media: Soil Action Levels (August 1997)
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations (1998, Addenda 2000, 2004 and 2023)
- TOGS 1.3.8 - New Discharges to Publicly Owned Treatment Works (1994)
- TOGS 2.1.2 - Underground Injection/Recirculation (UIR) at Groundwater Remediation Sites (1990)
- New York State Standards and Specifications for Erosion and Sediment Control (2016)
- DAR-1 (formerly Air Guide 1) - Guidelines for the Control of Toxic Ambient Air Contaminants (1997)
- U.S. EPA OSWER Directive 9200.4-17 - Use of Monitored Natural Attenuation at Superfund, RCRA Corrective Action, and Underground Storage Tank Sites (December 1997)
- NYSDOH Generic CAMP
- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (2006)
- New York State Climate Act (2019)
- NYSDEC Sampling, Analysis, and Assessment of PFAS (2023)

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

Remedial Alternative 1 – Track 1 Unrestricted Use Soil Cleanup Objectives

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

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

1. Protection of Human Health and the Environment – Partially satisfied, as all soil above UUSCOs would be removed, which would remove any sources of on-site sources of groundwater contamination, thus removing any on-site sources of VOCs in soil vapor. The groundwater petroleum and PFAS contamination would be treated to meet AWQSGVs. However, the off-site source of CVOCs in soil vapor could act as an ongoing source of on-site vapor intrusion.
2. Compliance with SCGs – Partially satisfied, as all soil above UUSCOs would be removed and groundwater would be restored it to pre-release conditions (when considering the petroleum contamination associated with NYSDEC Spill Nos. 98-14075 and 01-11974), thus removing the source of petroleum-related VOCs in soil vapor. Additionally, NYSDEC Spill Nos. 98-14075 and 01-11974 would be closed. However, it may be difficult to achieve the cleanup standards for PFAS in groundwater since they attributed, in part, to off-site sources; in addition it the off-site CVOC soil vapor contamination could be ongoing source for on-site vapor intrusion.
3. Short-term Effectiveness and Impacts – Effective in reducing soil contamination in the short-term, as all contaminated soil would be removed from the Site. There is, however, a risk of short-term impacts to Site workers and the community, as the process of excavating contaminated soil may cause the release of particulates and organic vapors. This risk can be controlled by employing a CAMP and a HASP during remediation and construction.
4. Long-term Effectiveness and Permanence – Partially satisfied, as all soil above UUSCOs would be removed and VOCs in groundwater would be remediated to comply with AWQSGVs, which would lead to a reduction of soil vapor concentrations, and could allow for unrestricted use of the Site. However, off-site sources of PFAS in groundwater and CVOCs in soil vapor contamination could migrate back on to the Site following the remedial action.
5. Reduction of Toxicity, Mobility, or Volume of Contaminated Material – Satisfied, as all soil above UUSCOs at the Site would be removed and contaminant levels in groundwater would be greatly reduced as the on-site sources of contamination would be removed and significant dewatering would be performed to excavate all soil above UUSCOs; therefore, the toxicity, mobility, and the volume of contaminants would be greatly reduced. Additionally, as the on-site source of soil vapor contamination would be removed, the concentrations of contaminants in soil vapor would be reduced.

6. Implementability – Not Satisfied, All soil above UUSCOs at the Site would be removed and contaminant levels in groundwater would be greatly reduced as the on-site sources of contamination would be removed and dewatering would be performed to excavate all soil above UUSCOs. Remediating the groundwater to AWQSGVs may take multiple treatment events to achieve over an extended period of time, and may be difficult to achieve since the PFAS are partially attributed to an off-site source. The soil/fill to be excavated and disposed of off-site will be classified as regulated soil. Disposal/treatment facilities that can accept this type of materials are readily available. However, the PFAS groundwater contamination could require specialized treatment methods. The off-site CVOC soil vapor contamination could be an ongoing source for on-site soil vapor intrusion; therefore, a Track 1 cleanup is not implementable since an Engineering Control would be required to address the offsite CVOC contamination in soil vapor.

7. Cost Effectiveness – Not cost-effective, the structural support required to excavate the entire Site of fill exceeding UUSCOs would be achievable, with the exception of the northern portion of the Site where the north-adjacent building limits the depth of support of excavation (SOE) to about 5 feet bgs. Groundwater would require substantial treatment to address the PFAS contamination.

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

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

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

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

8. Community Acceptance – Satisfied, as this alternative would be protective of human health and the environment; however, it would take a significant amount of time and have the longest impact on the community.

9. Land Use – Satisfied, as this alternative would result in the cleanup of the Site for unrestricted use, which would allow for any type of future redevelopment that is permitted by zoning.

10. Environmental Footprint Analysis – Satisfied, as this alternative would incorporate green and sustainable remediation principles, although it would have a bigger environmental footprint than other alternatives due to the higher number of truck trips associated with removing the larger soil volume. An environmental footprint analysis for this alternative is included in Appendix H, which was completed using a NYSDEC-accepted environmental footprint analysis calculator. Water consumption, greenhouse gas emissions, renewable and non-

renewable energy use, waste reduction, and material use were estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, were incorporated.

11. Climate Change Vulnerability Assessment – Satisfied, the impact of climate change on the Site and the proposed remedy under this alternative was evaluated. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding, and sea level rise were identified, and this alternative would incorporate measures to minimize the impact of climate change on potential identified vulnerabilities. The climate vulnerability assessment for this alternative is included in Appendix I.

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

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

1. Protection of Human Health and the Environment – Satisfied, as on-site sources of contamination would be removed and any significant residual contamination would be addressed by natural attenuation and a groundwater treatment program implemented in conjunction with remedial excavation. The contingency site composite cover system would prevent exposure to potential residual contamination. In areas where the Track 2 cleanup cannot be achieved due to SOE and dewatering limitations, a Track 4 cleanup would be implemented for those localized areas, which would include a composite cover system consisting of a minimum of 6-inch concrete slabs or paving or 2 feet of clean soil. Any tanks and associated piping would be removed.
2. Compliance with SCGs – Satisfied, as all sources of contamination would be removed and accessible soil would comply with RRSCOs. Additionally, NYSDEC Spill Case Nos. 98-14075 and 01-11974 would be closed.
3. Short-term Effectiveness and Impacts – Satisfied, as this alternative would be effective in reducing soil/fill contaminant levels in the short term. Mitigation measures, including a HASP and CAMP, would protect and limit the exposure of workers and the surrounding community to contaminated soil, particulates, groundwater, and/or soil vapors during soil removal.
4. Long-term Effectiveness and Permanence – Satisfied, as removal of sources of contamination and the installation and maintenance of Institutional and Engineering Controls, as needed (including installation of a contingency cover system in potential Track 4 areas), would limit exposure of future occupants to any remaining contaminated soil/fill, groundwater, and/or soil vapor, thus achieving the RAOs.

5. Reduction of Toxicity, Mobility, or Volume of Contaminated Material – Satisfied, as the volume of contaminants at the Site would be significantly reduced. Removal of most source material in soil/fill would reduce residual contaminant mobility into groundwater and soil vapor.
6. Implementability – Satisfied, as contaminated soil removal and installation of Engineering Controls (if necessary) could be completed in a relatively short timeframe and the equipment and personnel needed to perform the proposed remedial actions are readily available. The soil/fill to be excavated and disposed of off-site will be classified as regulated soil. Disposal/beneficial reuse facilities that can accept these types of materials are readily available.
7. Cost Effectiveness – Satisfied, as this alternative is the most cost effective.

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

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

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

   The estimated cost for this alternative was $5,074,500 as detailed in Table 2.
8. Community Acceptance –Satisfied, as this alternative would result in a more expedited cleanup of the Site while creating additional affordable housing options in the neighborhood area, which is part of a mayoral initiative set forth in NYC.
9. Land use – Satisfied, as this alternative would result in the cleanup of the Site to the RRSCOs, allowing for its redevelopment for multi-family residential use, consistent with current zoning.
10. Environmental Footprint Analysis – Satisfied, as this alternative would incorporate green and sustainable remediation principles. An environmental footprint analysis for this alternative is included in Appendix H, which was completed using a NYSDEC-accepted environmental footprint analysis calculator. Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction, and material use were estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, were incorporated.
11. Climate Change Vulnerability Assessment – Satisfied, the impact of climate change on the Site and the proposed remedy under this alternative was evaluated. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding, and sea level rise were identified, and this alternative would incorporate measures to minimize the impact of climate change on potential identified vulnerabilities. The climate vulnerability assessment for this alternative is included in Appendix I.

5.2 Selection of the Preferred Remedy

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

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

5.2.1 Zoning

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

5.2.2 Applicable Comprehensive Community Master Plans or Land Use Plans

The proposed redevelopment plan is consistent with existing zoning and land use patterns in the surrounding area, and there are no existing neighborhood plans or policies in effect that include the proposed redevelopment site. The neighborhood where the proposed redevelopment site is located is represented by Bronx Community Board No. 1, and currently has a number of capital projects; however, the proposed redevelopment site would not contradict or interrupt any of those projects. Furthermore, the proposed redevelopment incudes a grocery store for the community.

5.2.3 Surrounding Property Uses

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

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

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

5.2.4 Citizen Participation Plan

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

5.2.5 Environmental Justice

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

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

5.2.6 Land Use Designations

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

5.2.7 Population Growth Patterns

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

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

5.2.8 Accessibility to Existing Infrastructure

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

5.2.9 Proximity to Cultural Resources

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

5.2.10 Proximity to Natural Resources

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

5.2.11 Off-Site Groundwater Impacts

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

5.2.12 Proximity to Floodplains

The Site is not located within a floodplain.

5.2.13 Geography and Geology of the Site

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

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

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

5.2.14 Current Institutional Controls and Engineering Controls

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

5.3 Summary of Selected Remedial Actions

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

1. A remedial design will be prepared to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and Site management of the remedy, as per the DER-31. The major green remediation components are as follows:
    a. Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
    b. Reducing direct and indirect greenhouse gases and other emissions;
    c. Increasing energy efficiency and minimizing use of non-renewable energy;
    d. Conserving and efficiently managing resources and materials;

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

f. Maximizing habitat value and creating habitat when possible;

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

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

As part of the remedial design program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis was completed. Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction and material use were estimated, as well as goals for the project related to these green and sustainable remediation metrics. The project design specifications include detailed requirements to achieve the green and sustainable remediation goals. Further, progress with respect to green and sustainable remediation metrics will be tracked during implementation of the Remedial Action and reported in the FER, including a comparison to the included goals. Additionally, the remedial design program includes a climate change vulnerability assessment to evaluate the impact of climate change on the Site and the proposed remedy.

2. Demolition and abatement (e.g., asbestos, universal waste, etc.) of any remaining building materials or foundations from the former gasoline station.

3. Excavation and off-site disposal of all soil within the upper 15 feet that has contaminants above RRSCOs and of all soil that has petroleum-related VOCs above PGWSCOs to achieve a Track 2 remedy [see Tables 3 through 5 for the Soil Cleanup Objectives (SCOs)]. Table 6 provides a summary of the RI soil sample exceedances. At a minimum, this would consist of 5-foot excavation across the Site, with removal of three hotspots where historic fill contaminants exceed RRSCOs to depths of approximately 8.5 to 11 feet bgs, and two petroleum hotspots to depths of 20 to 25 feet bgs. It is estimated that approximately 11,600 cubic yards of contaminated soil will be removed from the Site.

4. Collection and laboratory analysis of confirmatory endpoint samples across the Site at the remedial excavation depth to document remaining concentrations of contaminants in soil after remedial excavation is complete. Endpoint sampling will occur around any additional areas of concern identified during the remedial action based on the sampling frequency outlined in Section 5.4 of DER-10.

5. A contingency plan for discovery of an unknown source of contamination or areas of concern that may require remediation (further described in Section 7.4.10).

6. Any unknown/unregistered tanks and associated piping, other structures associated with a source of contamination, and/or grossly contaminated soil/fill, if encountered, will be removed in accordance with applicable regulations.

7. Installation of SOE necessary to enable excavation of contaminated soil/fill. SOE installation will comply with applicable local and state-controlled inspections.

8. A site-specific HASP and CAMP will be implemented during all ground-intrusive Site activities, which includes soil disturbance and loading activities, to monitor levels of VOCs and airborne particulates within the active work zones and around the perimeter of the Site.

9. Screening for indications of contamination (by visual means, odor, and monitoring with a PID) of soil during all ground-intrusive Site work, including soil disturbance and loading activities.

10. Characterization and off-site disposal of all materials removed from the Site in accordance with all Federal, State, and local rules and regulations for handling, transport, and disposal. Waste disposal facilities will be selected based on the data collected to date and the results of the planned waste classification sampling.

11. Importation of clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) to replace the excavated soil and/or to establish the design grades or to backfill over-excavated areas. On-site soil that does not exceed RRSCOs for any compound or PGWSCOs for VOCs may be used on-site to backfill the excavation areas or re-grade the Site. Soil exceeding the UUSCO for 1,4-dioxane will not be imported, per DER-10: Appendix 5 - Allowable Constituent Levels for Imported Fill or Soil, Subdivision 5.4(e). If PFOA or PFOS are detected in any sample at or above the RRGVs, it will also be tested by the Synthetic Precipitation Leaching Procedure (SPLP). If the SPLP concentrations of PFOA and PFOS are at or above 10 ppt, the soil will not be reused or imported. Analytical results will be compared to Table 375-6.8(b) of 6 NYCRR Part 375 and submitted to NYSDEC via a *Request to Import/Reuse Soil or Fill* form for review and approval prior to importation and placement on-site. All imported soil or soil proposed for reuse requires NYSDEC review prior to on-site placement. Excavated bedrock from the Site may be reused below the composite cover system (if one is necessary) without the need for sampling unless unsuitable due to visual, olfactory, and/or PID readings indicate contamination.

12. Dewatering in accordance with all federal, state, and local regulations, as necessary, to enable the remedial excavation activities.

13. Groundwater treatment will be performed. This program will consist of surface application of a ORC at the base of remedial excavation in the petroleum hotspots to address groundwater contamination associated with NYSDEC Spill Nos 98-14075 and 01-11974. The ORC application will address potential residual contamination in soil at/below the water table. Following groundwater treatment, four permanent 2-inch diameter polyvinyl chloride (PVC) groundwater monitoring wells will be installed at the Site to monitor petroleum-related VOC concentrations. Quarterly groundwater sample collection will be implemented to evaluate performance of the remedy. Quarterly groundwater monitoring will continue until approved otherwise by NYSDOH and NYSDEC

14. A soil vapor intrusion evaluation including confirmatory indoor air sampling will be conducted in the future on-site buildings. The soil vapor intrusion evaluation will include indoor air samples collected after the building envelope is completed and the heating, ventilation, and air conditioning system is started. A workplan will be provided for review/comment to NYSDEC and NYSDOH and will include a written evaluation of the soil vapor intrusion exposure pathway, proposed indoor air sampling locations, and a schedule for conducting the sampling prior to occupancy.

15. Recording of an Environmental Easement with the NYC Register to prevent future exposure to any residual contamination remaining at the Site. The Environmental Easement will: require the remedial parties/Site owners to complete and submit a periodic certification of Engineering Controls and Institutional Controls to the NYSDEC in accordance with Part 375-1.8 (h)(3); allow the use and development of the Site for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws; restrict the use of groundwater as a source of potable or process water without necessary water quality treatment, as determined by NYSDOH and NYC Department of Health; and require compliance with a Site-specific NYSDEC-approved SMP.

16. Preparation of an SMP for long term management of residual contamination as required by the Environmental Easement including plans for: 1) Engineering Controls and Institutional Controls, 2) monitoring (including groundwater monitoring), 3) operation and maintenance, and 4) reporting.
17. If Track 2 restricted residential use cleanup is not achieved in certain areas due to SOE limits, the remedy will achieve a Track 4 cleanup in those area. The contingent Track 4 cleanup would require many of the same elements as the Track 2 restricted residential cleanup, and also the following elements:

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

6.0 REMEDIAL ACTION PROGRAM

6.1 Governing Documents

- 6 NYCRR Part 364 - NYS Waste Transporter Permits
- 6 NYCRR Part 360 - NYS Solid Waste Management Requirements
- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes
- 6 NYCRR Part 372 - Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities
- 6 NYCRR Subpart 374-2 - Standards for the Management of Used Oil
- 6 NYCRR Part 375 - Environmental Remediation Programs
- 6 NYCRR Part 376 - Land Disposal Restrictions
- 6 NYCRR Part 613 - Petroleum Bulk Storage
- 6 NYCRR Part 661 - Tidal Wetlands - Land Use Regulations
- 6 NYCRR Part 663 - Freshwater Wetlands - Permit Requirements
- 6 NYCRR Parts 700-706 – Classes and Standards of Quality and Purity
- 6 NYCRR Part 750 - SPDES Permits
- 29 CFR Part 1910.120 - Hazardous Waste Operations and Emergency Response
- 40 CFR Part 144 - Underground Injection Control Program
- CP-43 - Commissioner Policy on Groundwater Monitoring Well Decommissioning (December 2009)
- CP-49 – Climate Change and DEC Action (2022)
- CP-51- Soil Cleanup Guidance (2010)
- CP-60 – Screening and Assessment of Contaminated Sediment (2014)
- DER-2 - Making Changes to Selected Remedies (April 2008)
- DER-4 – Management of Coal Tar Waste & Coal Tar Contaminated Soils from Manufactured Gas Plants (2001)
- DER-10 – Technical Guidance for Site Investigation and Remediation (2010)
- DER-13 – Strategy for Evaluating Soil Vapor Intrusion at Remedial Sites in New York (2006)
- DER-23 – Citizen Participation Handbook for Remedial Programs (2010)
- DER-31 – Green Remediation (2010)
- DER-32 – Brownfield Cleanup Program Applications and Agreements (2017)
- DER-33 – Guide to Drafting and Recording Institutional Controls (2010)
- TAGM 3028 - "Contained In" Criteria for Environmental Media: Soil Action Levels (August 1997)

- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations (1998, Addenda 2000, 2004 and 2023)
- TOGS 1.3.8 - New Discharges to Publicly Owned Treatment Works (1994)
- TOGS 2.1.2 - UIR at Groundwater Remediation Sites (1990)
- New York State Standards and Specifications for Erosion and Sediment Control (2016)
- DAR-1 (formerly Air Guide 1) - Guidelines for the Control of Toxic Ambient Air Contaminants (1997)
- U.S. EPA OSWER Directive 9200.4-17 - Use of Monitored Natural Attenuation at Superfund, RCRA Corrective Action, and Underground Storage Tank Sites (December 1997)
- NYSDOH Generic CAMP
- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (2006)
- New York State Climate Act (2019)
- NYSDEC Sampling, Analysis, and Assessment of PFAS (2023)

6.1.1 Green and Sustainable Remediation and Climate Resiliency

DER-31: Green Remediation provides the framework for DER's approach to remediating sites in the context of the larger environment, a concept known as "Green Remediation". Green Remediation (or greener cleanups) can be defined as "the practice of considering all environmental effects of remedy implementation and incorporating options to minimize the environmental footprint of cleanup actions." It is intended to be a holistic approach which improves the overall sustainability of remedial cleanups by promoting the use of more sustainable practices and technologies. Such practices and technologies are less disruptive to the environment, generate less waste, increase reuse and recycling, and emit fewer pollutants, including greenhouse gases, to the atmosphere. The approach also recognizes the potential for positive economic and social benefits of site reuse and supports coordination of site reuse and remediation to affect the most beneficial and sustainable reuse of the site. Please note that final end use is dictated by local zoning codes. DEC's role is to ensure that the remedy is protective for the intended end use.

The Remedial Action program should build off the sustainable or greener cleanup activities evaluated during the RI. However, if the relevant evaluations were not performed, then similar considerations discussed in earlier sections of this document should be evaluated at this stage. Other considerations:

- Require a Green Remediation Implementation Plan submittal from the selected Contractor to detail procedures and tracking of these items;
- Require a Climate Screening- a high level desktop review of the site and potential changes in climate hazards. If the screening identifies potential exposure to climate hazards, a Climate Vulnerability Assessment (CVA) will need to be conducted. A CVA will identify adaptation measures to account for projected climate hazard exposures.
- For sites susceptible to climate change, require a Climate Adaptation Plan, which will incorporate findings and recommendations from the CVA;

- During construction activities and associated landscape alteration activities, green building strategies such as those outlined in the USGBC LEED should be considered. LEED includes guidelines and recommendations for new construction, and existing building operations and management that fall under six categories important for reducing the environmental impact of facilities of all types:
  - Sustainable sites
  - Water efficiency
  - Energy and atmosphere
  - Materials and resources
  - Indoor environmental quality
  - Innovation in operations
- As noted across the LEED categories, resources other than energy that can be conserved include water, raw materials for materials consumed, topsoil, paper for reports, and landfill space. Conserving one resource typically conserves other resources and has other sustainability benefits. For example, recycling of construction and demolition debris or metal will reduce consumption of landfill space and may also save energy and reduce air emissions by reducing material transportation. Another example is the use of waste-to energy plants for waste disposal rather than landfills in states where these plants are currently operating. This also reduces the consumption of landfill space and results in energy production from the waste processing. Other examples of resource conservation include treated water reinjection, the reuse of treated soil onsite, and the beneficial reuse of sediments.
- The use of "green" construction and project management products and materials such as ecofriendly concrete or the use of native plants for site restoration also advances the sustainability objectives of the project. It is important to understand that green remediation implies minimizing the entire footprint of the remediation project, which includes the environmental impacts of products and materials associated with the project. For example, eco-friendly concrete generally refers to concrete that is produced with a certain percentage of fly-ash (a waste product from the coal-firing process). This type of "green" concrete takes a problematic substance out of the waste stream and reduces the cumulative amount of energy associated with the production of concrete. The use of native plants for site restoration helps to conserve water and eliminate the need for potentially harmful fertilizers and pesticides.

  Other approaches or considerations may be approved by NYSDEC on a case-by-case basis.

6.1.2 Site Specific Health and Safety Plan

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

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

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

The Site Safety Coordinator will be Ms. Mackenzie Miller. Her resume is provided in Attachment A – of the QAPP (Appendix L).

Confined space entry will comply with all OSHA requirements to address the potential risk posed by combustible and toxic gasses.

6.1.3 Quality Assurance Project Plan

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

6.1.4 Construction Quality Assurance Plan

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

6.1.5 Soil/Materials Management Plan

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

6.1.6 Erosion and Sediment Control Plan

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

The erosion and sediment controls will be in conformance with requirements presented in NYS Standards and Specifications for Erosion and Sediment Control.

6.1.7 Community Air Monitoring Plan

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

6.1.8 Contractors Site Operations Plan

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

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

6.1.9 Citizen Participation Plan for Proposed Remedial Action

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

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

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

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

Table G
Document Repositories

New York Public Library – Woodstock Branch 761 East 160th Street, Bronx, New York 10456 Phone: (718) 665-6255 Monday – Friday: 10 AM–6 PM Saturday: 10 AM–5 PM Sunday: CLOSED	Bronx Community Board 1 3024 3rd Avenue, Bronx, New York 10455 Phone: (718) 585-7117 Monday – Sunday: 9AM-5PM

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

6.2 General Remedial Construction Information

6.2.1 Project Organization

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

Table H
Project Organization

Company	Individual Name	Title	Contact Number(s)
NYSDEC	Javier Perez-Maldonado	Project Manager	(518) 402-8172
NYSDOH	Kristin Kulow	Project Manager	(607) 353-4335
AKRF	Marc Godick	Quality Assurance Officer	(914) 922-2356
	Rebecca Kinal	Remedial Engineer	(914) 922-2362
	Kenneth Wiles	Project Manager	(646) 388-9528
	Mackenzie Miller	Field Team Leader/ Site Safety Officer (SSO)	(631) 357-9404 (cell)
350 GC Property Owner LLC (Volunteer)	Patrick Taylor	Volunteer Representative	(212) 335-2317

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

6.2.2 Remedial Engineer

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

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

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

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

6.2.3 Remedial Action Construction Schedule

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

6.2.4 Work Hours

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

6.2.5 Site Security

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

6.2.6 Traffic Control

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

6.2.7 Contingency Plan

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

6.2.8 Worker Training and Monitoring

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

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

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

6.2.9 Agency Approvals

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

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

A complete list of all Federal, State and local governmental permits, certificates or other approvals or authorizations required to perform the remedial and development work are included as Table 7 will be updated, as necessary, and included in the FER.

All planned remedial or construction work in regulated wetlands and adjacent areas will be specifically approved by the NYSDEC Division of Natural Resources to ensure that it

meets the requirements for substantive compliance with those regulations prior to the start of construction. Nothing in the approved RAWP or its approval by NYSDEC should be construed as an approval for this purpose.

6.2.10 Pre-Construction Meeting with NYSDEC

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

6.2.11 Emergency Contact Information

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

6.2.12 Remedial Action Costs

The total estimated cost of the Remedial Action is $5,074,500. An itemized and detailed summary of estimated costs for all remedial activity is attached as Table 2. This will be revised based on actual costs and submitted as an Appendix to the FER.

6.3 Site Preparation

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

6.3.1 Mobilization

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

6.3.2 Monitoring Well Decommissioning

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

6.3.3 Erosion and Sedimentation Controls

Erosion and sediment control measures will be installed at the Site prior to conducting any ground-intrusive work. These measures will be installed according to all applicable or relevant and appropriate Federal, State, and local laws. The measures will provide for abatement and control of environmental pollution arising from proposed remediation and construction activities. The control measures will include procedures for perimeter Site controls, stabilized construction pads at each construction entrance, equipment decontamination, drainage inlet protection, and particulate suppression. The RE, or her representative, will conduct routine inspections, and any repairs and/or maintenance of control measures will be completed in a timely fashion to maintain the controls in proper

working order. All vehicles leaving the Site will be inspected to ensure that no soil adheres to the wheels or undercarriage. Any situations involving material spilled in transit or mud and dust tracked off-site will be remedied. The access routes will be inspected for road conditions, overhead clearance, and weight restrictions.

6.3.4 Stabilized Construction Entrance(s)

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

6.3.5 Utility Marker and Easements Layout

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

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

6.3.6 Sheeting and Shoring

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

6.3.7 Equipment and Material Staging

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

6.3.8 Decontamination Area

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

All equipment in direct contact with known or potentially contaminated material will be either dedicated or decontaminated prior to handling less contaminated material or removal

from the Site. All liquids used in the decontamination procedure will be collected, stored, and disposed of in accordance with Federal, State, and local regulations. Personnel performing this task will wear the proper personal protective equipment as prescribed in the HASP (Appendix K).

6.3.9 Site Fencing

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

6.3.10 Demobilization

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

6.4 Reporting

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

6.4.1 Daily Reports

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

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

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

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

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

The NYSDEC assigned project number will appear on all reports.

6.4.2 Monthly Reports

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

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

6.4.3 Other Reporting

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

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

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

6.4.4 Complaint Management Plan

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

6.4.5 Deviations from the Remedial Action Work Plan

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

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

7.0 REMEDIAL ACTION: MATERIAL REMOVAL FROM SITE

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

7.1 Soil Cleanup Objectives

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

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

7.2 Remedial Performance Evaluation (Post Excavation Endpoint Sampling)

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

7.2.1 End-Point Sampling Frequency

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

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

7.2.2 Endpoint Sampling and Laboratory Methodology

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

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

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

7.2.3 Reporting of Results

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

7.2.4 Quality Assurance/Quality Control

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

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

7.2.5 Data Usability Summary Reports and Electronic Data Deliverables

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

7.2.6 Reporting of Endpoint Data in Final Engineering Report

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

7.3 Estimated Material Removal Quantities

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

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

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

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

7.4 Soil/Materials Management Plan

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

7.4.1 Soil Screening Methods

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

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

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

7.4.2 Stockpile Methods

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

7.4.3 Materials Excavation and Load Out

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7.4.4 Materials Transport Off-Site

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

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

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

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

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

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

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

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

7.4.5 Materials Disposal Off-Site

A properly permitted waste disposal facility will be selected for off-site disposal. The disposal facility(ies) information will be reported to the NYSDEC and NYCOER project managers prior to commencing the disposal activities. The total quantity of material expected to be disposed off-site is 11,600 cubic yards of non-hazardous material. The breakdown by disposal class is pending and will be provided to NYSDEC prior to off-site disposal.

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

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

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

the correspondence (above) and is approved to accept the material. These documents will be included in the FER.

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

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

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

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

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

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

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

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

- Delineating the extent of contamination required for remediation at a Site.
- Replacing or substituting data collected as part of Site Characterization and/or Remedial Investigation.

- Replacing or substituting confirmation or documentation sampling as described in NYSDEC DER-10, Section 5.4.
- To modify remedial decisions as formalized in a NYSDEC-approved DD or Record of Decision.

7.4.6 Materials Reuse On-Site

Chemical criteria for on-Site reuse of material have been established by NYSDEC. Reuse of on-site materials, including but not limited to excavated bedrock, must be approved by NYSDEC.

Materials planned for reuse (if any) will be segregated and stockpiled separately from materials slated for off-site disposal. Stockpiles will be placed on and covered with polyethylene sheeting. The stockpiled soil will be analyzed for TCL VOCs, TCL SVOCs, 1,4-dioxane, PCBs, pesticides, TAL metals, and PFAS at the frequency outlined in Table 5.4(e)10 on page 161 of the DER-10. The Remedial Engineer will ensure that procedures defined for materials reuse in this RAWP are followed and that unacceptable material will not remain on-Site.

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

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

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

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

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

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

7.4.7 Fluids Management

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

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

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

If total dewatering capacity exceeds 69.4 gallons per minute (100,000 gallons per day), a water withdrawal permit from NYSDEC will be required.

7.4.8 Demarcation

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

7.4.9 Backfill from Off-Site Sources

The importation of clean fill from off-site source(s) may be needed to backfill over-excavated areas as part of the Remedial Action and as part of a two-foot clean soil cap (to be placed over all non-covered, landscaped areas, if any) in the event that a Track 2 cleanup cannot be achieved. Further, a highly visible demarcation barrier (orange snow fencing or equivalent) will be installed beneath the two feet of clean fill/topsoil cap (where a Track 2 cleanup cannot be achieved), if its necessary.

All materials proposed for import onto the Site will be approved by the Remedial Engineer and will be in compliance with provisions in this RAWP prior to receipt at the Site. A "Request to Import/Reuse Fill Material" form will be filed with the NYSDEC project manager for review and approval prior to import to the site. A copy of the form is presented in Appendix O. Material proposed for import shall either be from a NYSDEC-registered certified clean fill facility or other permitted facility. Any facility proposed for import shall undergo a facility history review and background check by the Remedial Engineer. Material from industrial sites, spill sites, other environmental remediation sites; or other potentially contaminated sites will not be imported to the Site. Solid waste will not be imported onto the Site.

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

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

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

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

Solid waste will not be imported to the Site.

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

7.4.10 Contingency Plan

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

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

7.4.11.1 Extreme Storm Preparedness and Response Contingency Plan

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

Storm Preparedness

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

Storm Response

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

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

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

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

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

Storm Response Reporting

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

Damage and soil release assessment will include: whether the project had stockpiles; whether stockpiles were damaged; photographs of damage and notice of plan for repair; report of whether soil from the site was dislocated and whether any of the soil left the site; estimates of the volume of soil that left the site, nature

of impact, and photographs; description of erosion damage; description of equipment damage; description of damage to the remedial program or the construction program, such as damage to the support of excavation; presence of onsite or offsite exposure pathways caused by the storm; presence of petroleum or other spills and status of spill reporting to NYSDEC; description of corrective actions; schedule for corrective actions.

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

7.4.11 Community Air Monitoring Plan

Community air monitoring will be performed via two fixed stations at the perimeter of the Site during all ground surface intrusive work (i.e., one downwind and one upwind). In addition to the community air monitoring, air monitoring will be performed on the perimeter of the work zone periodically (at a minimum once per hour) on a roving basis with hand-held equipment based upon wind direction and the location of the intrusive work. The CAMP is provided in Appendix N. A map showing the location of fixed and mobile sampling stations; and exceedances observed during implementation of the CAMP will be reported to NYSDEC and NYSDOH Project Managers and included in the Daily Report.

7.4.12 Odor, Dust and Nuisance Control Plan

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

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

7.4.12.1 Odor Control Plan

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

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

Where odor nuisances have developed during remedial work and cannot be corrected, or where the release of nuisance odors cannot otherwise be avoided due

to on-Site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering excavation and handling areas under tented containment structures equipped with appropriate air venting/filtering systems.

7.4.12.2 Dust Control Plan

A dust suppression plan that addresses dust management during invasive on-Site work will include, at a minimum, the items listed below:

- Water will be available on-site at suitable supply and pressure for use in dust control.
- Clearing and grubbing of larger sites will be done in stages to limit the area of exposed, unvegetated soils vulnerable to dust production.
- Gravel will be used on roadways to provide a clean and dust-free road surface.
- On-Site roads will be limited in total area to minimize the area required for water spraying.

7.4.12.3 Other Nuisances

A plan for rodent control will be developed and utilized by the contractor prior to and during Site clearing and Site grubbing, and during all remedial work.

A plan will be developed and utilized by the contractor for all remedial work and will conform, at a minimum, to NYCDEP noise control standards.

8.0 ENGINEERING CONTROLS: TREATMENT SYSTEMS - GROUNDWATER TREATMENT AND MONITORING

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

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

Following excavation of the petroleum hotspots, these will be backfilled with clean backfill material to construction elevations. The bioremediation program will be implemented by application of Regenesis® ORC directly to the 1 to 2 feet of the backfill material placed at the top portion of the water table in the petroleum hotspots. Approximately 2,160 pounds of ORC will be applied to these excavation areas and then mechanically mixed with the backfill material in these areas using an excavator, such that it will be evenly distributed to maximize contact with and treatment of petroleum-related VOCs dissolved in groundwater. The groundwater treatment area is shown on Figure 9. A Technical Design Memo from the manufacturer, Regenesis®, stating the recommended dosage rates is included as Appendix P. A work schedule will be submitted to NYSDEC for injection before implementation of the work. Any proposed modifications to the groundwater treatment program would be submitted to NYSDEC in a letter request. As-built drawings, diagrams, calculations, and manufacturer documentation for injection, will be included in the FER as appropriate.

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

The proposed monitoring well locations are shown on Figure 12. Monitoring wells RA-MW-02 through MW-04 will be installed prior to remedial excavation to collect baseline groundwater samples. Baseline groundwater samples would be used to understand if "pockets" of petroleum contamination became released during the SOE pile installation and help provide understanding if the post Remedial Action groundwater samples had an immediate spike in petroleum contaminants before dissipating. Monitoring well RA-MW-01 will be located within the ground floor of the new building, within the area of the 10-foot foundation setback. This well's installation will be coordinated with the construction of the new building's foundation.

The groundwater monitoring will continue until permission to discontinue is granted in writing by NYSDEC and NYSDOH. Monitoring activities will be outlined in the Monitoring Plan of the SMP. It is anticipated that, following Remedial Action, quarterly monitoring events will be performed until the RAOs for groundwater have been met. The SMP will provide more details concerning the groundwater monitoring program.

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

approximately 1-foot bgs. Each of the wells will be finished with a locking j-plug and flush-mounted protective locking well cover.

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

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

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

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

9.0 RESIDUAL CONTAMINATION TO REMAIN ON-SITE

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

9.1 Soil

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

9.2 Groundwater

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

9.3 Soil Vapor

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

Groundwater depths beneath the Site range from approximately 14 to 16 feet bgs (with the exception of 1 of the 10 monitoring wells, RI-MW-03, measured during the RI at approximately 18 feet bgs), and weathered bedrock is as shallow as 5 feet bgs in some portions of the Site. The foundation will be constructed on top of bedrock in some portions and into, or near, the groundwater table, with the exception of the portion of the foundation that has the 10-foot setback. Constructing a sub-slab depressurization system (SSDS) beneath the cellar foundation is not feasible due to the presence of groundwater. The slab-on-grade portion of the building is only a 10-foot setback (approximately 1,000 square feet) along the northern boundary. The soil vapor levels from the SI and RI ordered by their distance from the slab-on-grade portion are shown in Table I below. The nearest soil vapor sampling location with notable concentrations (SV-12) is approximately 120 feet from the slab-on-grade portion of the building, while the soil vapor sampling location within the slab-on-grade portion (RI-SV-20) and the next closest soil vapor sampling locations, within 110 feet from the slab-on-grade portion (RI-SV-9, RI-SV-19, RI-SV-6, RI-SV-7, and RI-SV-4), overall had lower concentrations. In addition, excavation of the petroleum hotspot in the southwestern portion of the Site down to 20 to 25 feet bgs is anticipated to remove the source of the petroleum-related VOC concentrations in soil vapor noted at RI-SV-16 and SV-03. Based on this, installation of an SSDS below the slab-on-grade portion of the building is not warranted. Furthermore, a soil vapor intrusion evaluation including confirmatory indoor air sampling will be conducted in any future on-site buildings prior to occupancy.

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

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

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

Notes:
D - Indicates an identified compound in an analysis that has been diluted.
T - Indicates that a quality control parameter has exceeded laboratory limits.

10.0 CONTINGENCY ENGINEERING CONTROL: COMPOSITE COVER SYSTEM

In the event that a Track 2 Cleanup cannot be achieved on all or a portion of the Site, exposure to residual contaminated soil will be prevented by an engineered, composite cover system constructed on the Site. The composite cover system will double as a demarcation barrier.

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

11.0 CRITERIA FOR COMPLETION OF REMEDIATION/ TERMINATION OF REMEDIAL SYSTEMS

11.1 Composite Cover System

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

11.2 Groundwater Monitoring

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

12.0 INSTITUTIONAL CONTROLS

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

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

12.1 Environmental Easement

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

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

The Institutional Controls that support Engineering Controls are:

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

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

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

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

12.2 Site Management Plan

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

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

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

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

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

The SMP will also include provisions for conducting the required soil vapor intrusion evaluation and associated confirmatory indoor sampling prior to occupancy of any future on-site buildings.

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

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

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

13.0 FINAL ENGINEERING REPORT

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

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

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

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

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

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

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

13.1 Certifications

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

> I, _____, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan was

implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Action Work Plan.

If the RAWP identifies time frames to be achieved by the remedial program:

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy.

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

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

If financial assurance is required:

I certify that any financial assurance mechanisms required by the Department pursuant to Environmental Conservation Law have been executed.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification are true. I understand that a false statement made herein is punishable as Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, _____ [name], of _____ [business address], am certifying as Owner's Designated Site Representative (and if the site consists of multiple properties): [and I have been authorized and designated by all site owners to sign this certification] for the site.

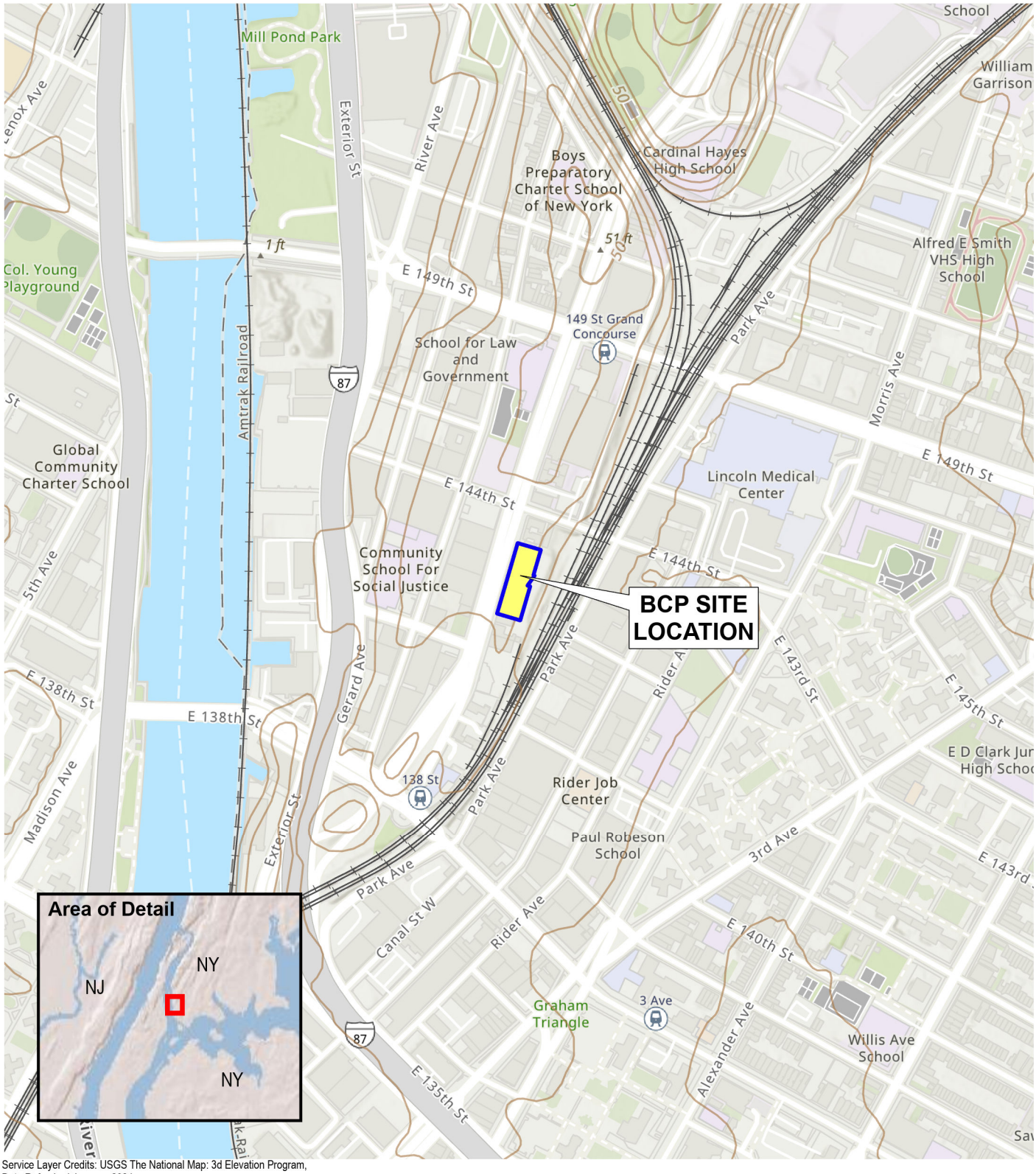
It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

14.0 SCHEDULE

Table J
Proposed Project Schedule

Activity	Time To Complete
NYSDEC Approves RAWP, and Issues DD	February 2026
Begin RAWP Implementation	March 2026
Submittal of Draft Environmental Easement	By May 2027
Draft SMP Submitted to NYSDEC	By August 2027
Execution of Environmental Easement	By September 2027
Draft FER Submitted to NYSDEC	By October 2027
COC and Fact Sheet	By December 2027
Completion of New Building	2028

FIGURES



Service Layer Credits: USGS The National Map: 3d Elevation Program, Data Refreshed January, 2024

0 600 1,200

SCALE IN FEET

N

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx2/9/2026 5:56 PM240979 Fig 1 Site Locationmveilleux

akrf

440 Park Avenue South, New York, NY 10016

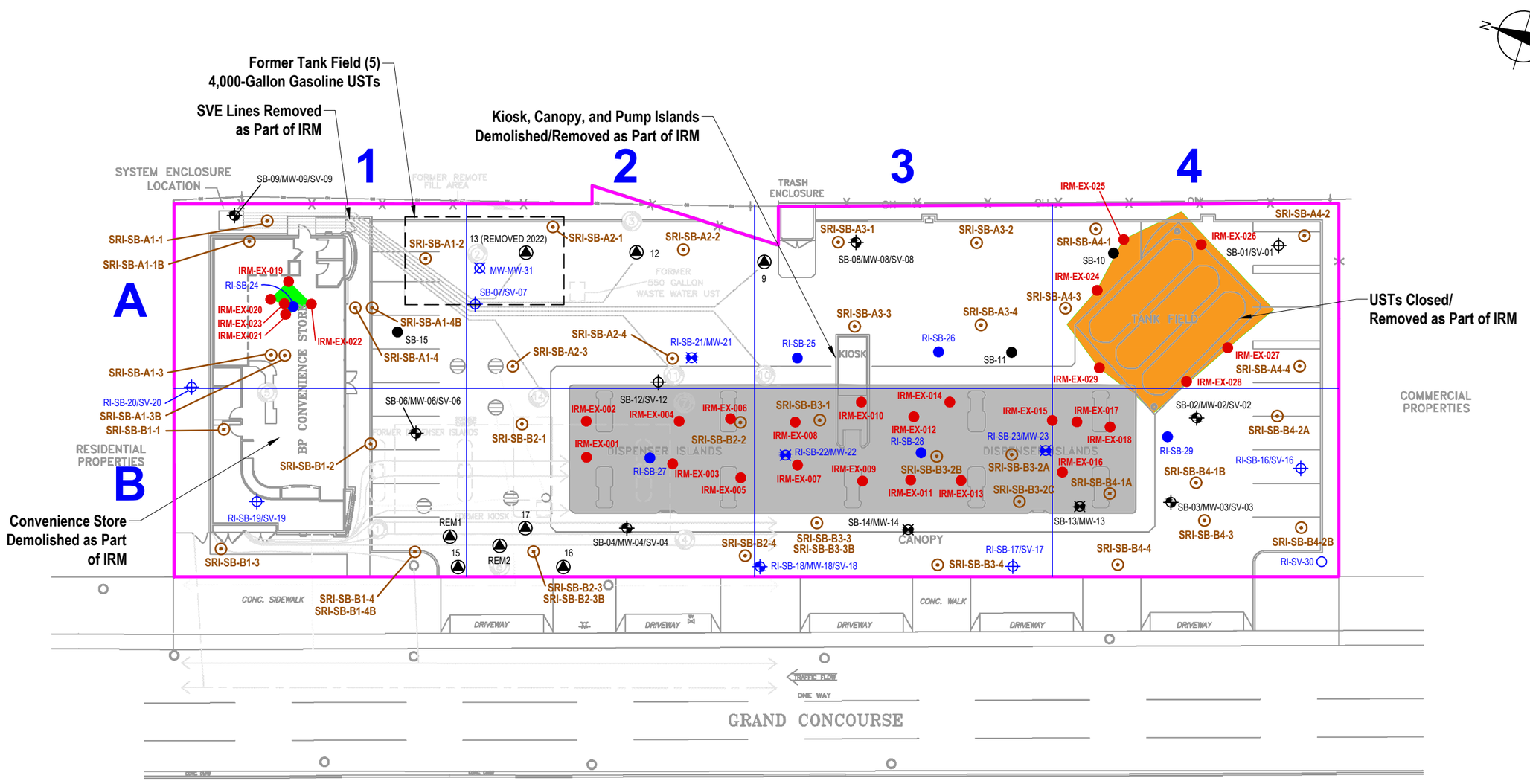
350 Rising
350 Grand Concourse
Bronx, New York

BCP SITE LOCATION

DATE
2/9/2026

PROJECT NO.
240979

FIGURE
1



LEGEND

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

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

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

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

0 15 30 60
SCALE IN FEET

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

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

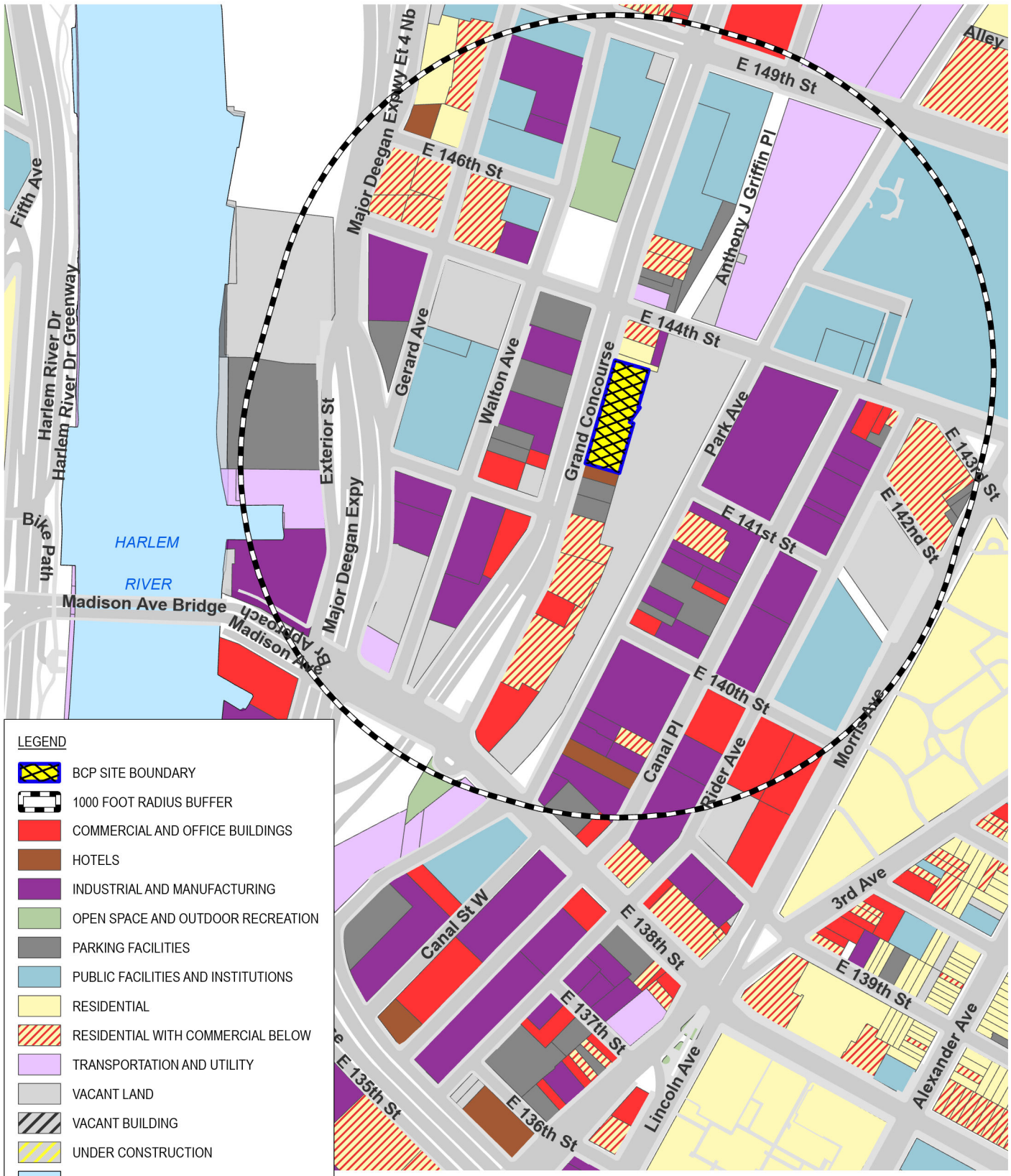
SITE PLAN AND SAMPLING LOCATION PLAN

DATE
2/9/2026

PROJECT NO.
240979

FIGURE
2

©2026 AKRF, Inc W:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\Technical\Hazmat\CAD\RAWP\240979 Fig 2 Site Plan and Sampling Location Plan.dwg last save: mveilleux 2/9/2026 6:00 PM



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

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

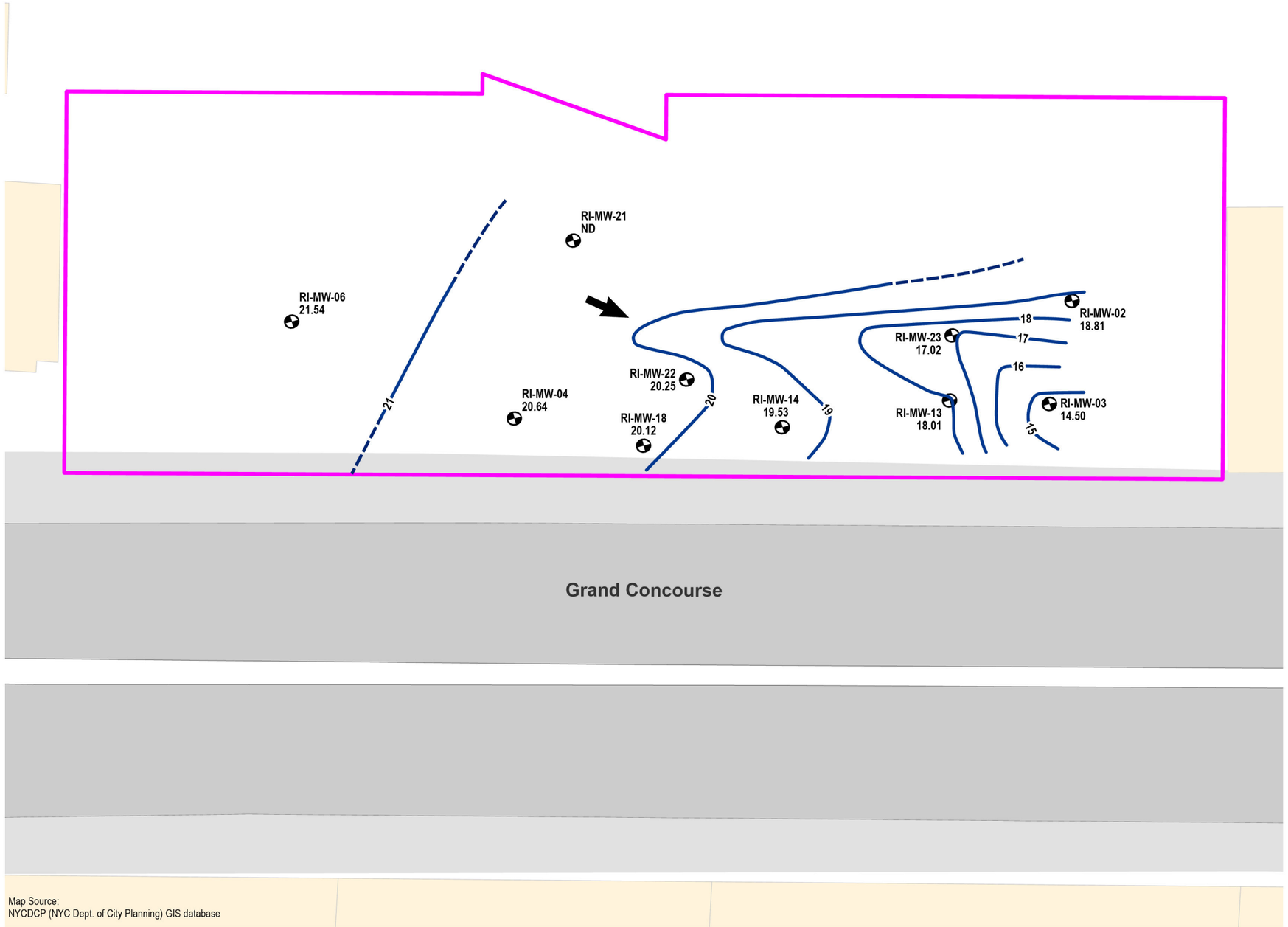
SURROUNDING LAND USE AND SENSITIVE RECEPTORS

DATE
2/9/2026

PROJECT NO.
240979

FIGURE
3

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx2/9/2026 6:09 PM240979 Fig 3 Surrounding Land Use AND SENSITIVE RECEPTORSmvelleux



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

LEGEND

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

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

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

0 15 30 60
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

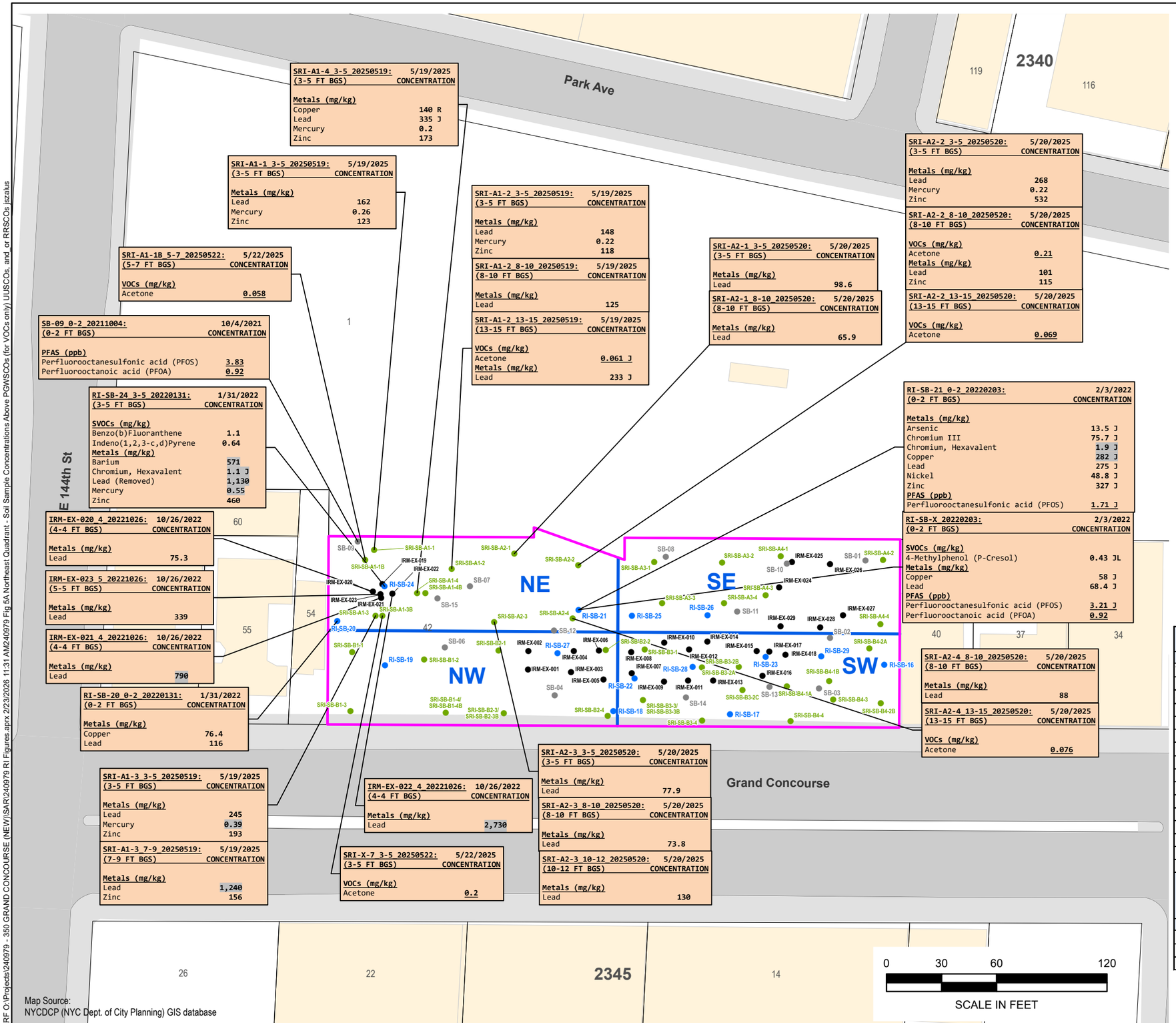
GROUNDWATER ELEVATION CONTOURS - FEBRUARY 11, 2022

DATE
2/9/2026

PROJECT NO.
240979

FIGURE
4

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 2/9/2026 6:10 PM240979 Fig 4 Groundwater Elevation Contours mvelleux



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

LEGEND

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

FIGURE NOTES:

The only data included from the 2021 Phase II Investigation is PFAS.

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

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

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

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

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

	RRSCO PART 375	UUSCO PART 375	PGWSCO PART 375
	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds			
Acetone	100	0.03	0.03
Semivolatile Organic Compounds			
4-Methylphenol (P-Cresol)	100	0.33	-
Benzo(b)Fluoranthene	1.4	1	-
Indeno(1,2,3-c,d)Pyrene	1.4	0.5	-
Metals			-
Arsenic	16	13	-
Barium	410	410	-
Chromium III	110	30	-
Chromium, Hexavalent	1	1	-
Copper	280	50	-
Lead	400	63	-
Mercury	0.3	0.18	-
Nickel	320	30	-
Zinc	6,600	109	-
	PFAS GUIDANCE VALUES RRSCOs	PFAS GUIDANCE VALUES UUSCOs	PFAS GUIDANCE VALUES PGWSCOs
	ppb	ppb	ppb
PFAS			
Perfluorooctanesulfonic acid (PFOS)	44	0.88	1
Perfluorooctanoic acid (PFOA)	33	0.66	0.8

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

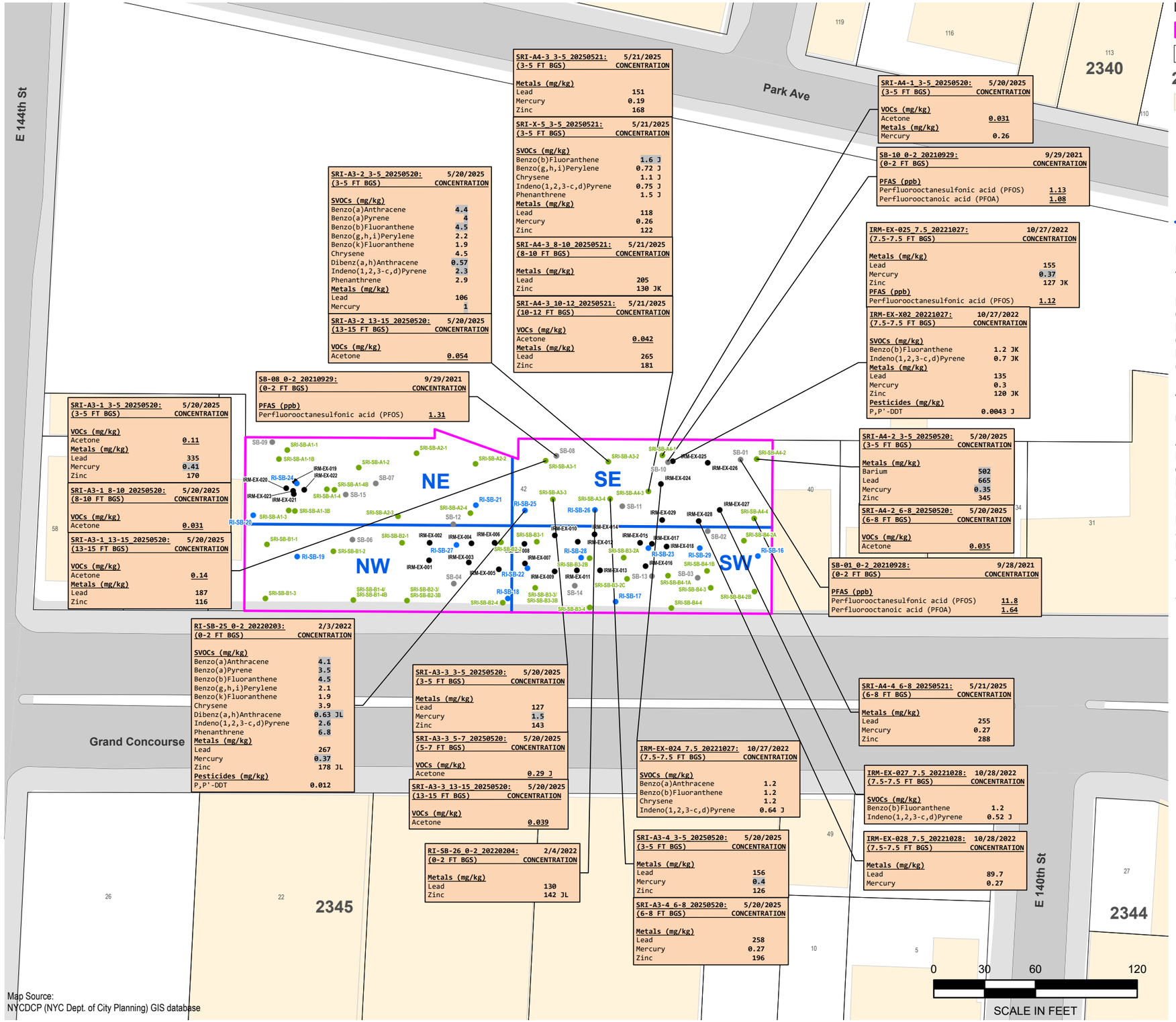
Northeast Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs and PFAS only) UUSCOs, and/or RRSCOs

DATE
2/23/2026

PROJECT NO.
240979

FIGURE
5A

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 2/23/2026 11:31 AM240979 Fig 5A Northeast Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs, and or RRSCOs jszalus



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

LEGEND

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

FIGURE NOTES:

The only data included from the 2021 Phase II Investigation is PFAS.

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

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

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

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

IRM-EX-X02_20221027 is a blind duplicate of sample IRM-EX-025_7.5_20221027
SRI-X-5_3-5_20250521 is a blind duplicate of sample SRI-A4-3_3-5_20250521

	RRSCO PART 375	UUSCO PART 375	PGWSCO PART 375
	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds			
Acetone	100	0.03	0.03
Semivolatile Organic Compounds			
4-Methylphenol (P-Cresol)	100	0.33	-
Benzo(b)Fluoranthene	1.4	1	-
Indeno(1,2,3-c,d)Pyrene	1.4	0.5	-
Metals			-
Arsenic	16	13	-
Barium	410	410	-
Chromium III	110	30	-
Chromium, Hexavalent	1	1	-
Copper	280	50	-
Lead	400	63	-
Mercury	0.3	0.18	-
Nickel	320	30	-
Zinc	6,600	109	-
Pesticides			-
Pesticide P,P'-DDT	7.9	0.0033	-
	PFAS GUIDANCE VALUES RRSCOs	PFAS GUIDANCE VALUES UUSCOs	PFAS GUIDANCE VALUES PGWSCOs
	ppb	ppb	ppb
PFAS			
Perfluorooctanesulfonic acid (PFOS)	44	0.88	1
Perfluorooctanoic acid (PFOA)	33	0.66	0.8

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

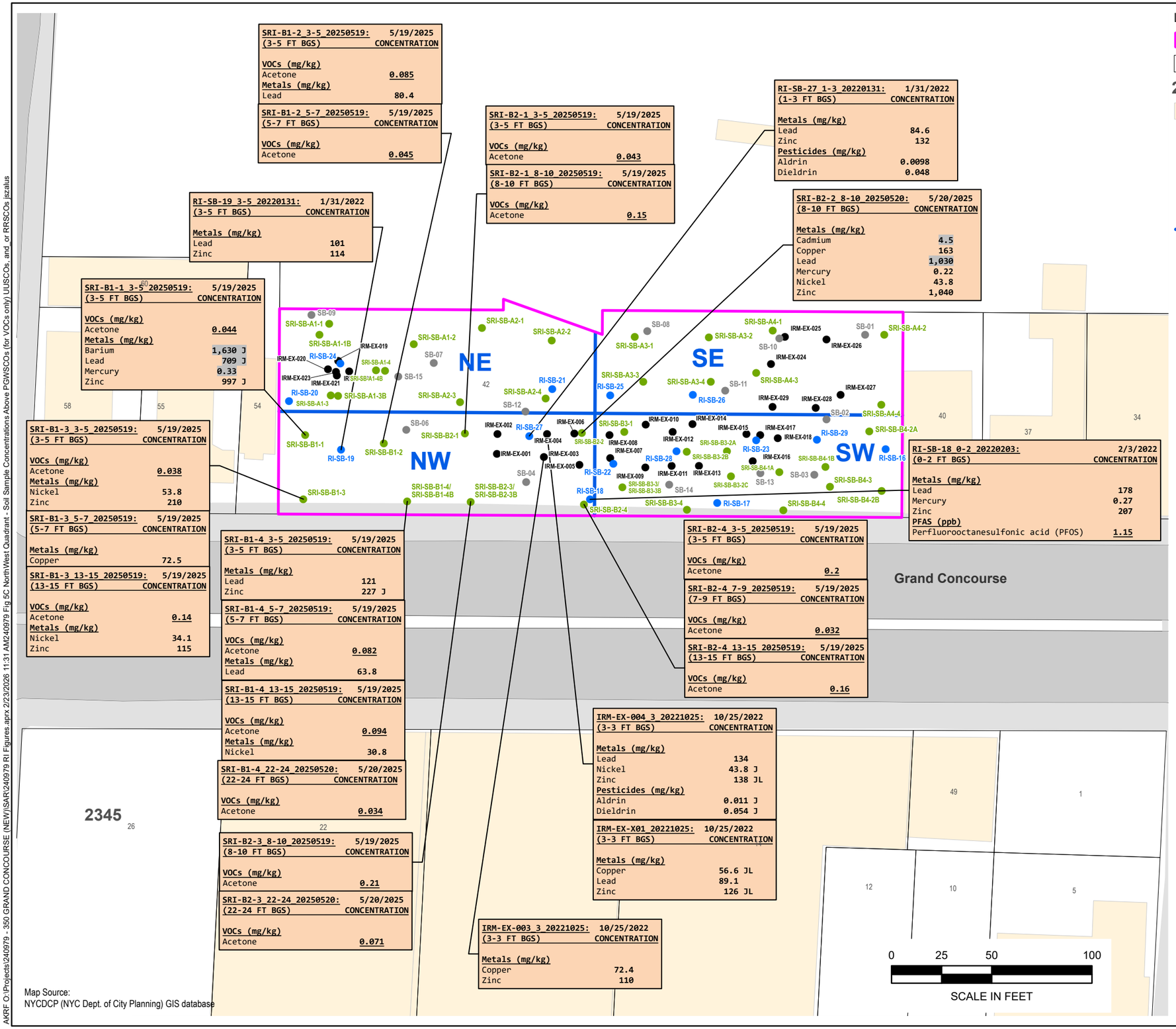
Southeast Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs and PFAS only) UUSCOs, and/or RRSCOs

DATE
2/23/2026

PROJECT NO.
240979

FIGURE
5B

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures aprx 2/23/2026 11:31 AM240979 Fig 5B Southeast Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs, and_or RRSCOs.jszalus



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

LEGEND

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

FIGURE NOTES:

The only data included from the 2021 Phase II Investigation is PFAS.

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

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

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

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

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

	RRSCO PART 375	UUSCO PART 375	PGWSCO PART 375
	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds			
Acetone	100	0.03	0.03
Semivolatile Organic Compounds			
Metals			-
Barium	410	410	-
Cadmium	2.5	2.5	-
Copper	280	50	-
Lead	400	63	-
Mercury	0.3	0.18	-
Nickel	320	30	-
Zinc	6,600	109	-
Pesticides			
Aldrin	0.097	0.005	-
Dieldrin	0.20	0.005	-
	PFAS GUIDANCE VALUES RRSCOs	PFAS GUIDANCE VALUES UUSCOs	PFAS GUIDANCE VALUES PGWSCOs
	ppb	ppb	ppb
PFAS			
Perfluorooctanesulfonic acid (PFOS)	44	0.88	1

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

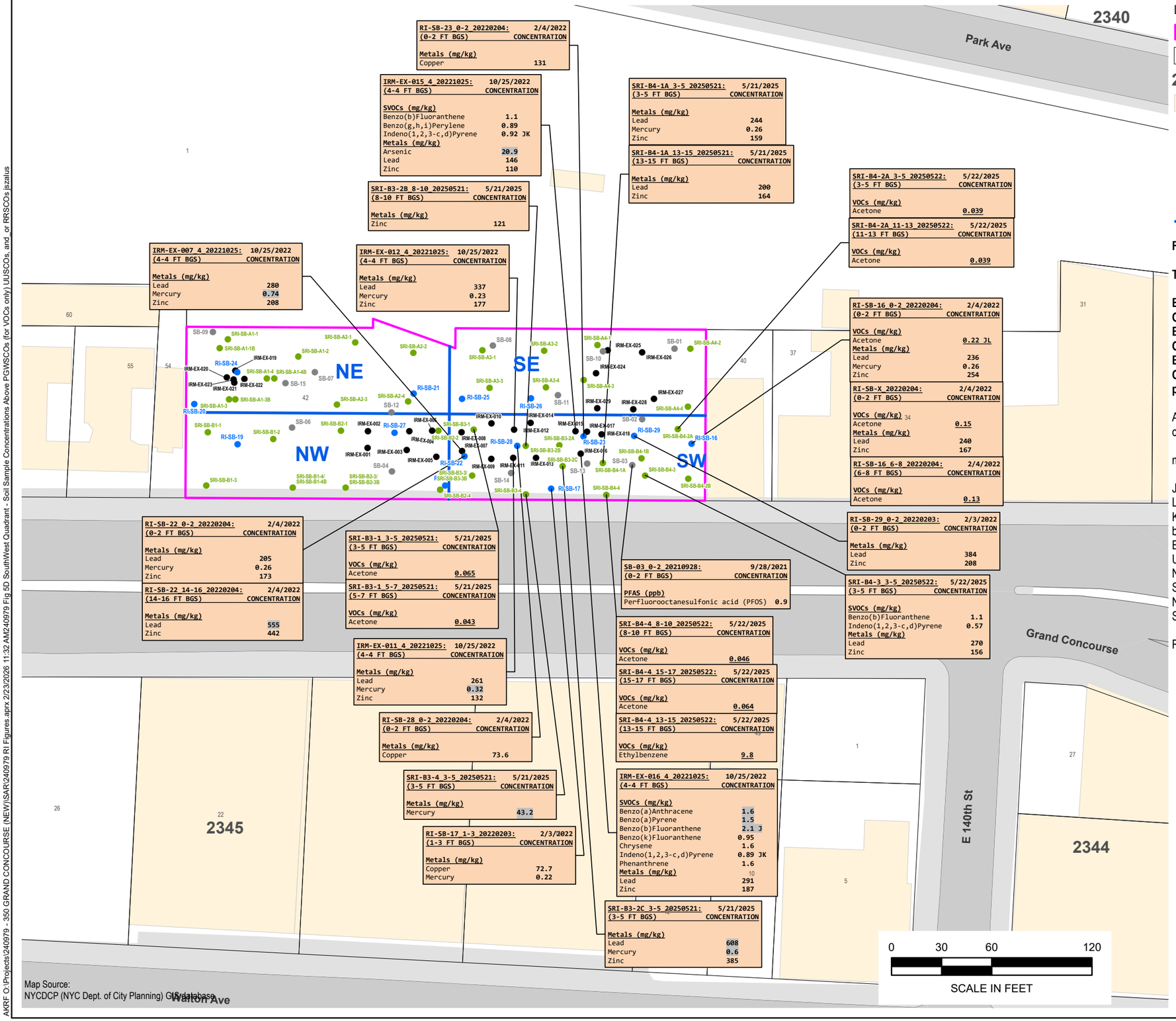
Northwest Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs and PFAS only) UUSCOs, and/or RRSCOs

DATE
2/23/2026

PROJECT NO.
240979

FIGURE
5C

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures aprx 2/23/2026 11:31 AM240979 Fig 5C NorthWest Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs, and_or RRSCOs.jszalus



LEGEND

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

FIGURE NOTES:

The only data included from the 2021 Phase II Investigation is PFAS.

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

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

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

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

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

	RRSCO PART 375	UUSCO PART 375	PGWSCO PART 375
	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds			
Acetone	100	0.03	0.03
Ethylbenzene	76	1	1
Semivolatile Organic Compounds			
Benzo(a)Anthracene	1.4	1	-
Benzo(a)Pyrene	1	1	-
Benzo(b)Fluoranthene	1.4	1	-
Benzo(g,h,i)Perylene	4.9	0.64	-
Benzo(k)Fluoranthene	4.9	0.8	-
Chrysene	4.9	1	-
Dibenz(a,h)Anthracene	0.33	0.33	-
Indeno(1,2,3-c,d)Pyrene	1.4	0.5	-
Phenanthrene	4.9	1.1	-
Metals			-
Arsenic	16	13	-
Copper	280	50	-
Lead	400	63	-
Mercury	0.3	0.18	-
Zinc	6,600	109	-
	PFAS GUIDANCE VALUES RRSCOs	PFAS GUIDANCE VALUES UUSCOs	PFAS GUIDANCE VALUES PGWSCOs
	ppb	ppb	ppb
PFAS			
Perfluorooctanesulfonic acid (PFOS)	44	0.88	1

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

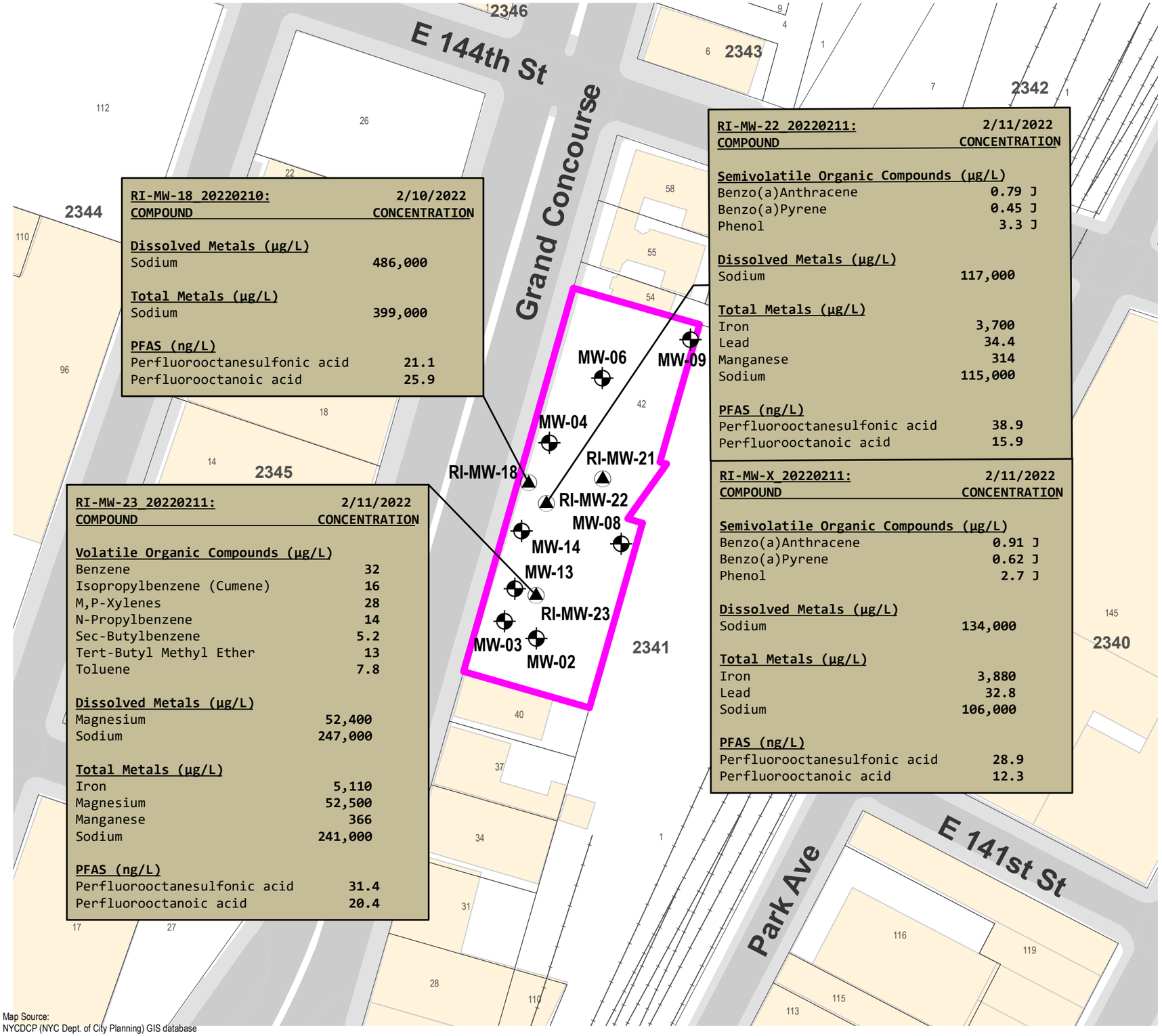
Southwest Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs and PFAS only) UUSCOs, and/or RRSCOs

DATE
2/23/2026

PROJECT NO.
240979

FIGURE
5D

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 2/23/2026 11:32 AM240979 Fig 5D SouthWest Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs, and _or RRSCOs jszalus



RI-MW-18_20220210: 2/10/2022

COMPOUND	CONCENTRATION
Dissolved Metals (µg/L)	
Sodium	486,000
Total Metals (µg/L)	
Sodium	399,000
PFAS (ng/L)	
Perfluorooctanesulfonic acid	21.1
Perfluorooctanoic acid	25.9

RI-MW-22_20220211: 2/11/2022

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

RI-MW-23_20220211: 2/11/2022

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

RI-MW-X_20220211: 2/11/2022

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

LEGEND

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

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

PFAS: Per- and polyfluoroalkyl substances

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

Only Exceedances of NYSDEC AWQSGVs are shown in bold font.

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

Sample ID — Sample Date

MW-02_20211014: 10/14/2021

COMPOUND	CONC. (ng/L)
PFAS	
Perfluorooctanesulfonic acid	22.3
Perfluorooctanoic acid	53.6

Analyte/Compound — Concentration

0 80 160
SCALE IN FEET

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

©2026 AKRF

C:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 Fig 6 RI Groundwater Sample Concentrations Above AWQSGVs and Screening Levels RAWP.mxd 2/10/2026 12:59:35 PM mvailleux

akrf
440 Park Avenue South, New York, NY 10016

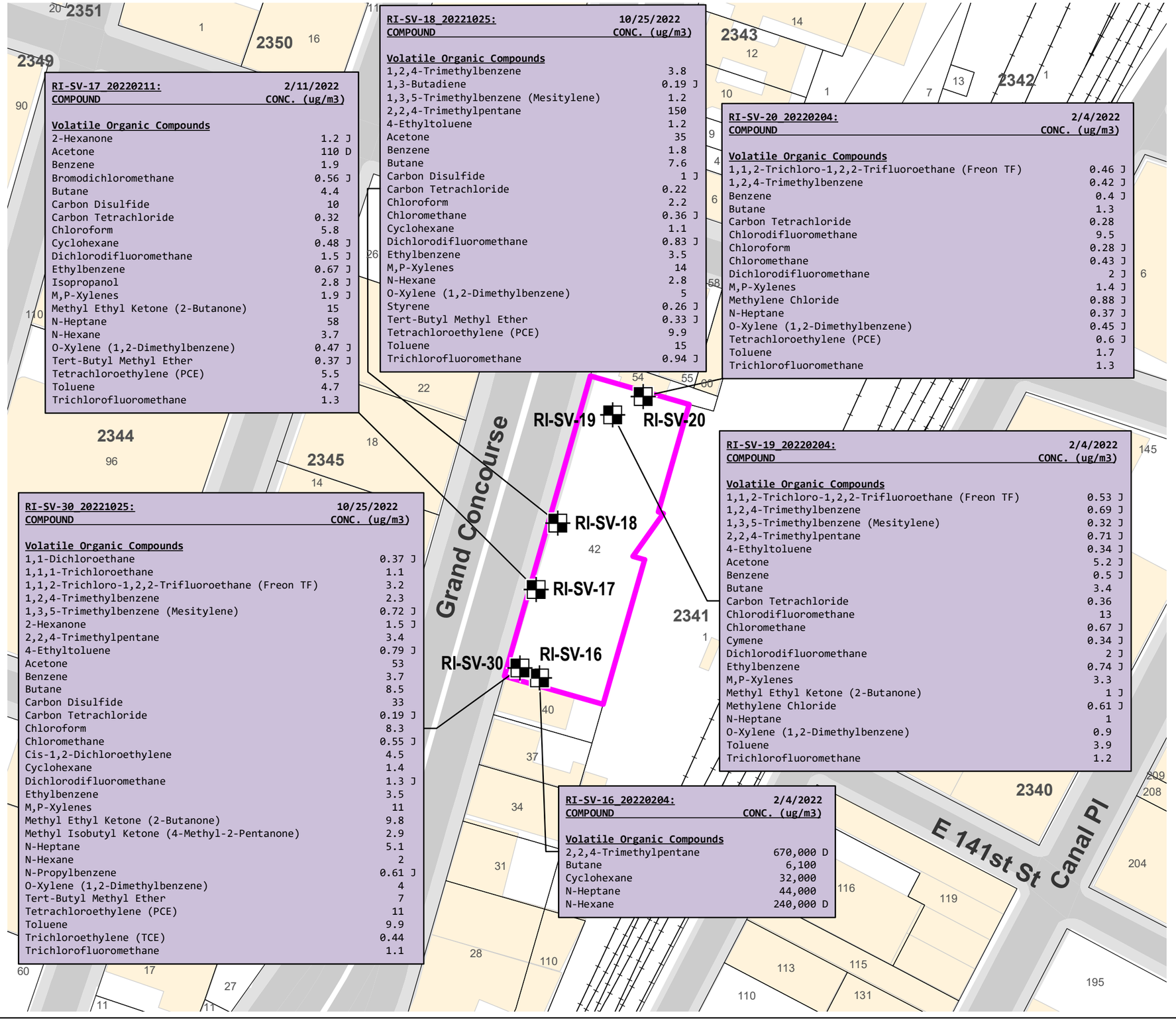
350 Rising
350 Grand Concourse
Bronx, New York

RI GROUNDWATER SAMPLE CONCENTRATIONS ABOVE AWQSGVS AND SCREENING LEVELS

DATE
2/10/2026

PROJECT NO.
240979

FIGURE
6



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

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

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

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

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

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

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

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

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

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

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

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

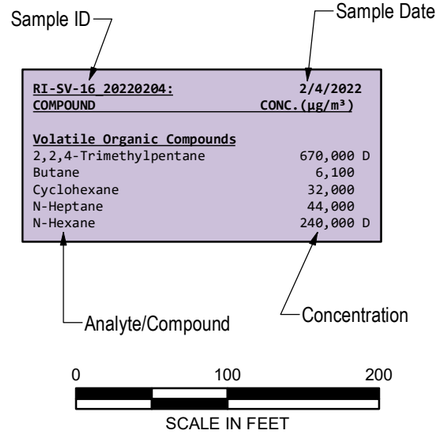
LEGEND

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

SOIL VAPOR

µg/m³- micrograms per cubic meter

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



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

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

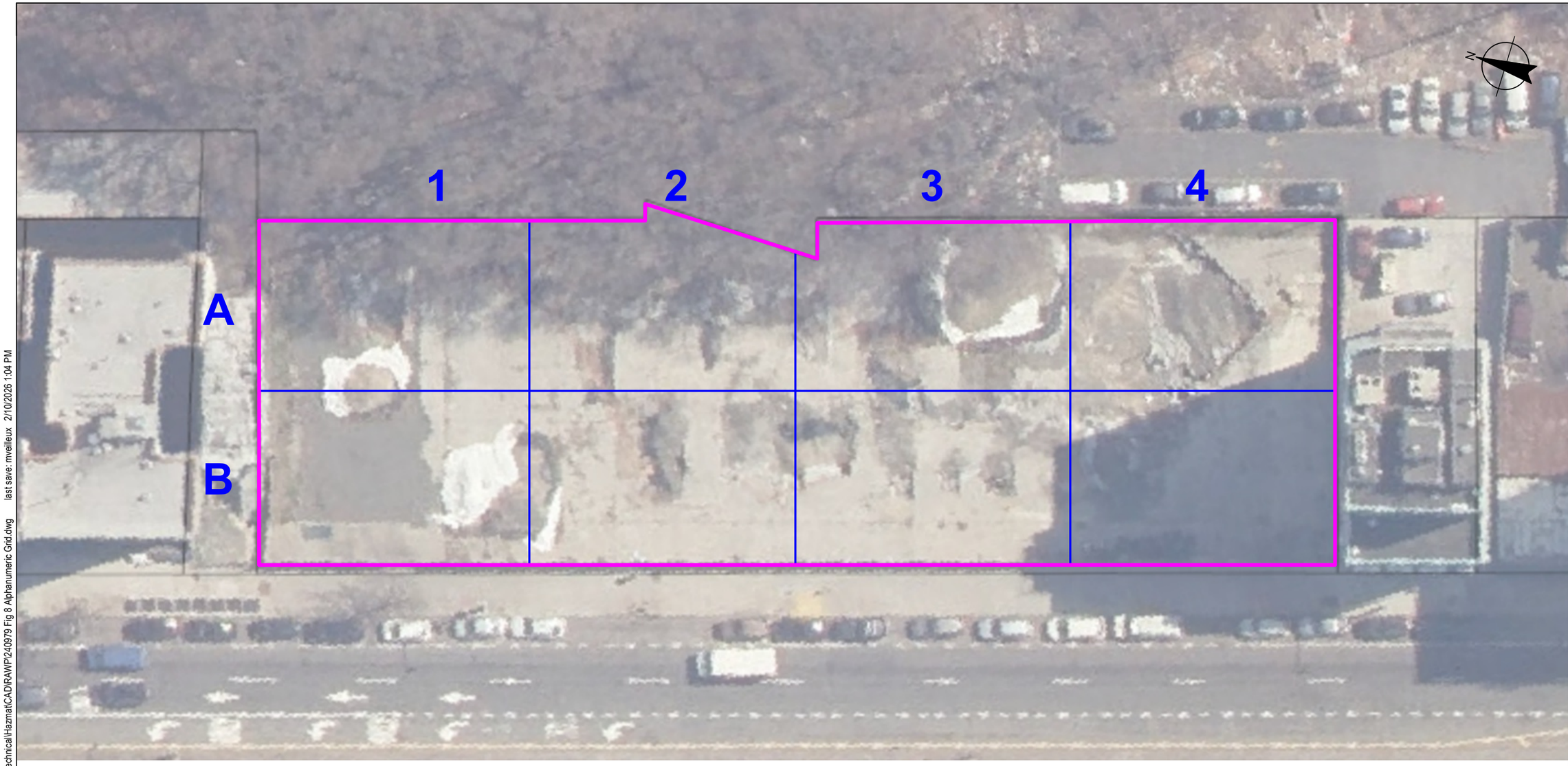
RI SOIL VAPOR SAMPLE CONCENTRATIONS

DATE
2/10/2026

PROJECT NO.
240979

FIGURE
7

©2026 AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 Fig 7 Soil Vapor Concentrations RI.mxd2/10/2026 1:01:51 PM mvelleux



LEGEND

BCP SITE BOUNDARY

ALPHANUMERIC GRID

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

Aerial Source:
2023 New York State ITS GIS Orthoimagery

0 15 30 60
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

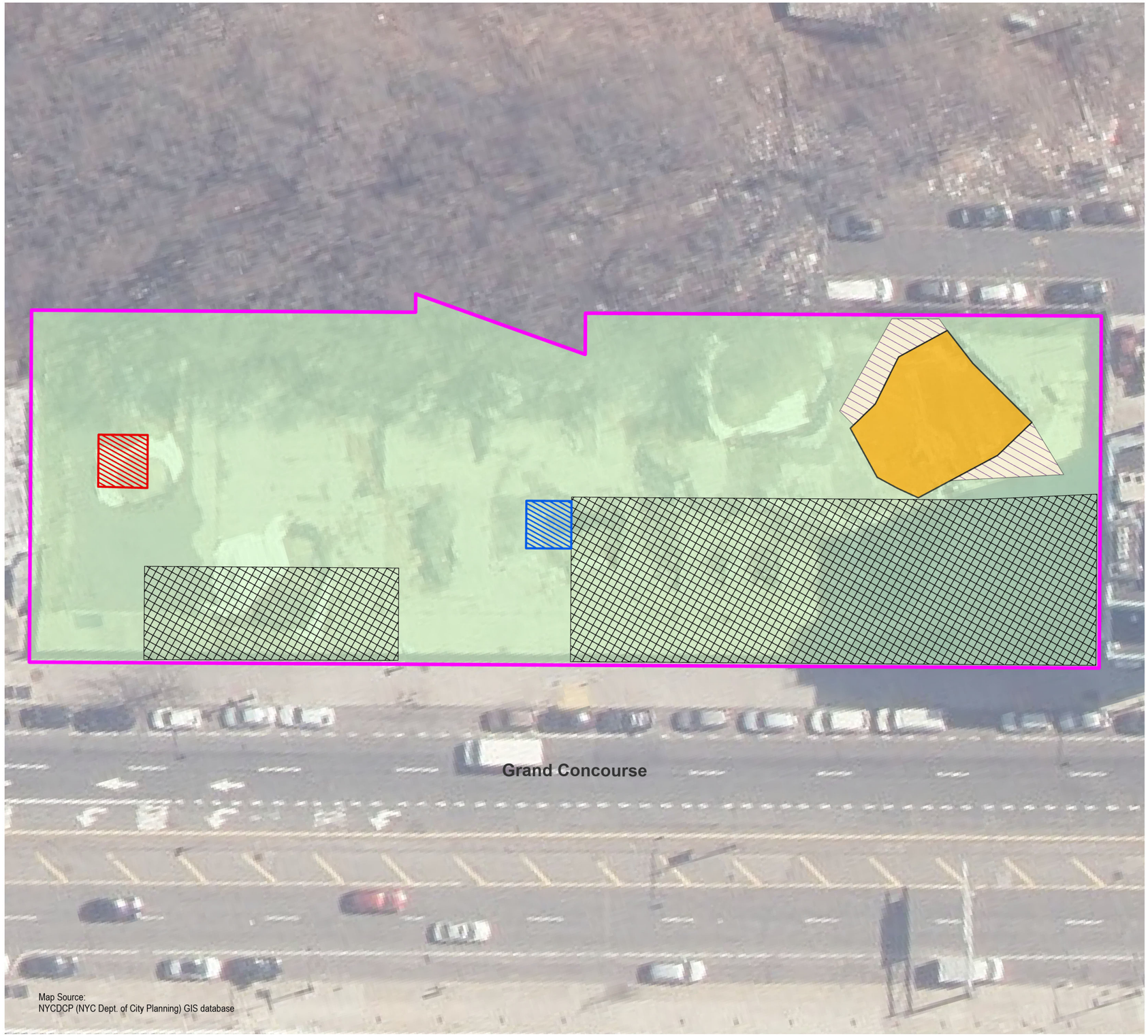
ALPHANUMERIC GRID

DATE
2/10/2026

PROJECT NO.
240979

FIGURE
8

©2026 AKRF, Inc W:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\Technical\Hazmat\CAD\RAW\P240979 Fig 8 Alphanumeric Grid.dwg last save: mvelleux 2/10/2026 1:04 PM



LEGEND

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

NOTES:
BGS - BELOW GROUND SURFACE

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

STATE OF NEW YORK
REBECCA A. KINAL
082046-1
LICENSED PROFESSIONAL ENGINEER

0 15 30 60
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

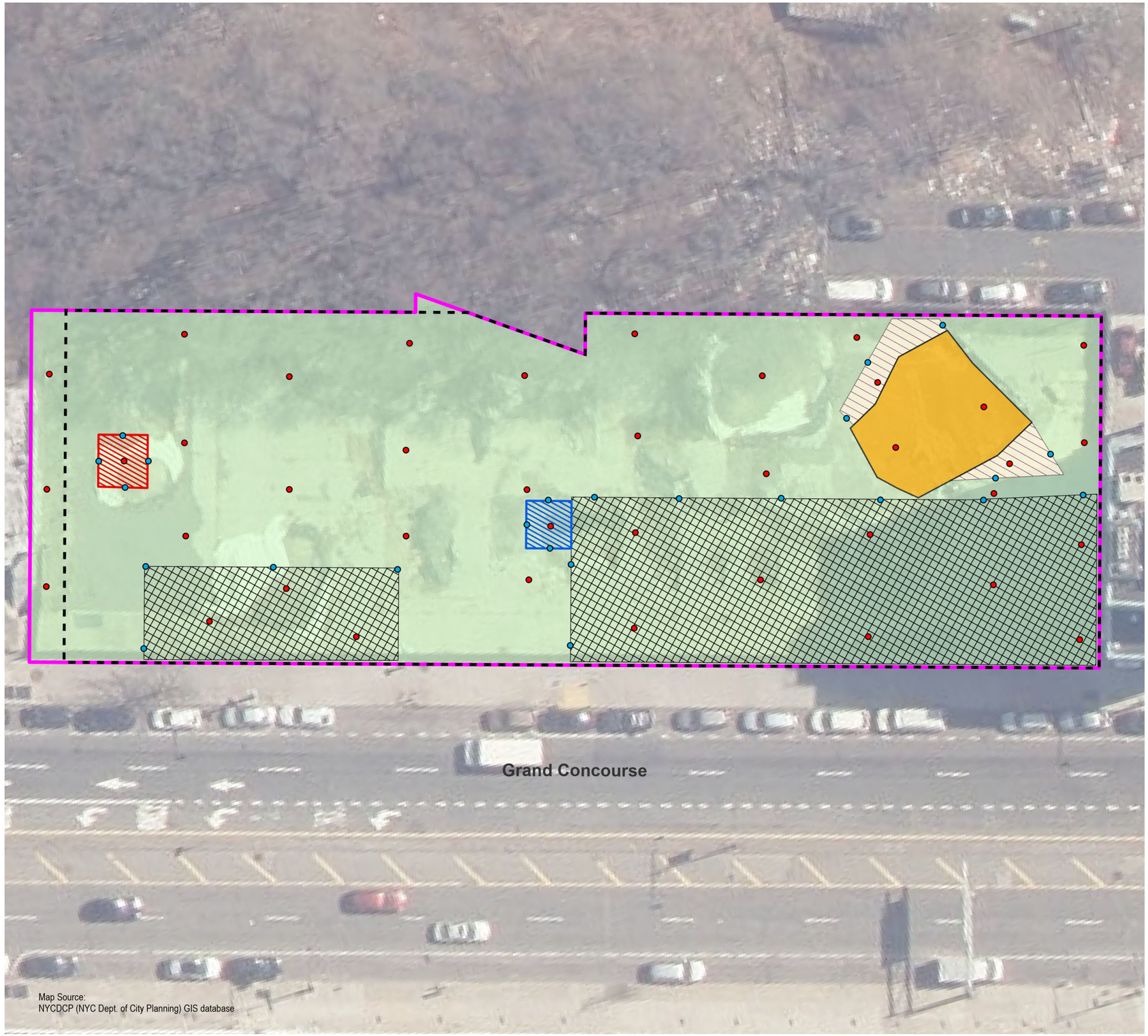
PROPOSED REMEDIAL EXCAVATION AND GROUNDWATER TREATMENT PLAN

DATE
2/10/2026

PROJECT NO.
240979

FIGURE
9

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 2/10/2026 4:02 PM240979 Fig 9 Proposed Remedial Excavation Plan mvelleux



LEGEND

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

NOTES:
BGS - BELOW GROUND SURFACE

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

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

STATE OF NEW YORK
REBECCA A. KINAL
082046-1
LICENSED PROFESSIONAL ENGINEER

0 15 30 60
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

PROPOSED ENDPOINT SAMPLING PLAN

DATE
2/10/2026

PROJECT NO.
240979

FIGURE
10

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 2/10/2026 4:01 PM240979 Fig 10 Proposed Endpoint Sampling Plan mveilleux

LEGEND

- BCP SITE BOUNDARY
- TRUCK ROUTE TO SITE
- TRUCK ROUTE FROM SITE

Service Layer Credits:
ESRI World Street Map 2023
City of New York Department of Transportation, April, 2019, New York City Truck Routes: New York City

0 2,000 4,000

SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

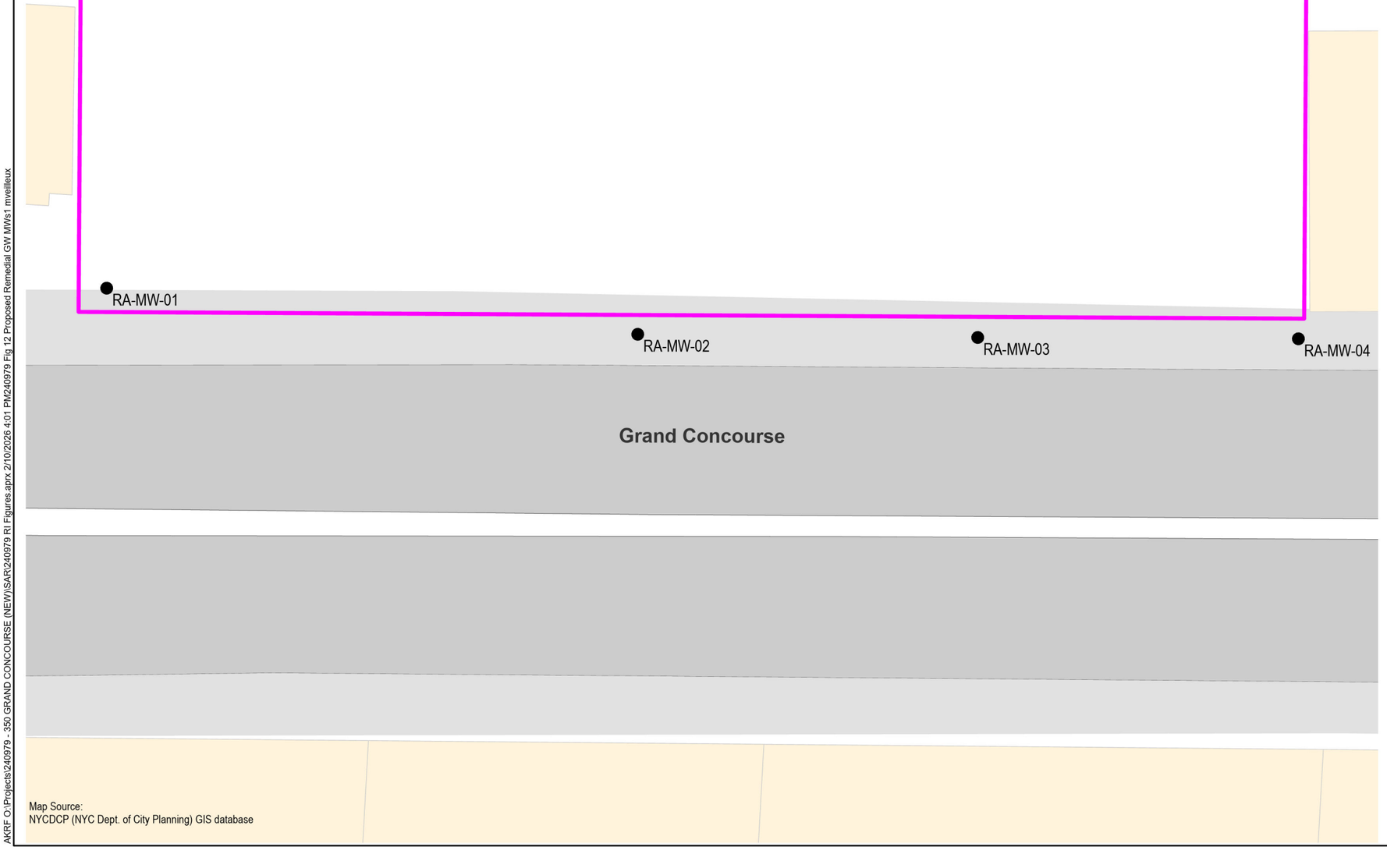
TRUCK ROUTE MAP

DATE
2/10/2026

PROJECT NO.
240979

FIGURE
11

©2026 AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 Fig 11 Truck Route Map.mxd 2/10/2026 2:09:45 PM mvelleux



STATE OF NEW YORK
REBECCA A. KINAL
082046-1
LICENSED PROFESSIONAL ENGINEER

0 15 30 60

SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

PROPOSED REMEDIAL ACTION GROUNDWATER MONITORING WELLS

DATE
2/10/2026

PROJECT NO.
240979

FIGURE
12

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 2/10/2026 4:01 PM240979 Fig 12 Proposed Remedial GW MWs1 mveilleux

TABLES

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

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

Notes/Assumptions:

[1] ***Soil Removal***

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

[2] ***Backfill***

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

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

	Quantity	Units	Unit Rate	Cost
Soil Disposal - Non-Hazardous Soil Disposal For Remedial Action [1]	18,600	Tons	$75	**$1,395,000**
Backfill for Remedial Excavation Beyond General Excavation [2]	3,700	Cubic Yards	$35	**$129,500**
Groundwater Treatment - Direction Placement of Regenesis ORC®	1	Lump Sum	$100,000	**$100,000**
Site Preparation				
- Support of Excavation	*1*	*Estimated Total*	*$1,600,000*	*$1,600,000*
- Dewatering	*1*	*Estimated Total*	*$300,000*	*$300,000*
- Excavation Equipment and Labor	*1*	*Estimated Total*	*$500,000*	*$500,000*
- Legal	*1*	*Estimated Total*	*$150,000*	*$150,000*
- Engineering	*1*	*Estimated Total*	*$650,000*	*$650,000*
- General Conditions and Security	*1*	*Estimated Total*	*$250,000*	*$250,000*
Site Preparation Subtotal				**$3,450,000**
Estimated Total				**$5,074,500**

Notes/Assumptions:

[1] ***Soil Removal***

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

[2] ***Backfill***

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

Table 3
350 Grand Concourse
Bronx New York
NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Compound	NYSDEC Part 375 UUSCOs
Volatile Organic Compounds	**mg/kg**
1,1,1-Trichloroethane	0.68
1,1,2,2-Tetrachloroethane	NS
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS
1,1,2-Trichloroethane	NS
1,1-Dichloroethane	0.27
1,1-Dichloroethene	0.24
1,2,3-Trichlorobenzene	NS
1,2,4-Trichlorobenzene	NS
1,2,4-Trimethylbenzene	5.9
1,2-Dibromo-3-Chloropropane	NS
1,2-Dibromoethane (Ethylene Dibromide)	NS
1,2-Dichlorobenzene	1.1
1,2-Dichloroethane	0.02
1,2-Dichloropropane	NS
1,3,5-Trimethylbenzene (Mesitylene)	3.1
1,3-Dichlorobenzene	2.6
1,4-Dichlorobenzene	1.8
2-Hexanone	NS
Acetone	0.03
Benzene	0.06
Bromochloromethane	NS
Bromodichloromethane	NS
Bromoform	NS
Bromomethane	NS
Carbon Disulfide	NS
Carbon Tetrachloride	0.76
Chlorobenzene	4.5
Chloroethane	NS
Chloroform	0.37
Chloromethane	NS
Cis-1,2-Dichloroethylene	0.19
Cis-1,3-Dichloropropene	NS
Cyclohexane	NS
Dibromochloromethane	NS
Dichlorodifluoromethane	NS
Ethylbenzene	1
Isopropylbenzene (Cumene)	NS
M,P-Xylenes	NS
Methyl Acetate	NS
Methyl Ethyl Ketone (2-Butanone)	0.1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS
Methylcyclohexane	NS
Methylene Chloride	0.05
N-Butylbenzene	18
N-Propylbenzene	5
O-Xylene (1,2-Dimethylbenzene)	NS
Sec-Butylbenzene	25
Styrene	NS
T-Butylbenzene	11
Tert-Butyl Methyl Ether	0.1
Tetrachloroethylene (PCE)	1.3
Toluene	0.7
Trans-1,2-Dichloroethene	0.19
Trans-1,3-Dichloropropene	NS
Trichloroethylene (TCE)	0.47
Trichlorofluoromethane	NS
Vinyl Chloride	0.03
Xylenes, Total	0.26

Table 3
350 Grand Concourse
Bronx New York
NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Compound	NYSDEC Part 375 UUSCOs
Semivolatile Organic Compounds	**mg/kg**
1,2,4,5-Tetrachlorobenzene	NS
1,4-Dioxane (P-Dioxane)	NS
2,3,4,6-Tetrachlorophenol	NS
2,4,5-Trichlorophenol	NS
2,4,6-Trichlorophenol	NS
2,4-Dichlorophenol	NS
2,4-Dimethylphenol	NS
2,4-Dinitrophenol	NS
2,4-Dinitrotoluene	NS
2,6-Dinitrotoluene	NS
2-Chloronaphthalene	NS
2-Chlorophenol	NS
2-Methylnaphthalene	NS
2-Methylphenol (O-Cresol)	0.33
2-Nitroaniline	NS
2-Nitrophenol	NS
3- And 4- Methylphenol (Total)	NS
3,3'-Dichlorobenzidine	NS
3-Nitroaniline	NS
4,6-Dinitro-2-Methylphenol	NS
4-Bromophenyl Phenyl Ether	NS
4-Chloro-3-Methylphenol	NS
4-Chloroaniline	NS
4-Chlorophenyl Phenyl Ether	NS
4-Methylphenol (P-Cresol)	0.33
4-Nitroaniline	NS
4-Nitrophenol	NS
Acenaphthene	20
Acenaphthylene	100
Acetophenone	NS
Anthracene	100
Atrazine	NS
Benzaldehyde	NS
Benzo(a)Anthracene	1
Benzo(a)Pyrene	1
Benzo(b)Fluoranthene	1
Benzo(g,h,i)Perylene	0.64
Benzo(k)Fluoranthene	0.8
Benzyl Butyl Phthalate	NS
Biphenyl (Diphenyl)	NS
Bis(2-Chloroethoxy) Methane	NS
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS
Bis(2-Chloroisopropyl) Ether	NS
Bis(2-Ethylhexyl) Phthalate	NS
Caprolactam	NS
Carbazole	NS
Chrysene	1
Dibenz(a,h)Anthracene	0.33
Dibenzofuran	NS
Diethyl Phthalate	NS
Dimethyl Phthalate	NS
Di-N-Butyl Phthalate	NS
Di-N-Octylphthalate	NS
Fluoranthene	85
Fluorene	30
Hexachlorobenzene	0.33
Hexachlorobutadiene	NS
Hexachlorocyclopentadiene	NS
Hexachloroethane	NS
Indeno(1,2,3-c,d)Pyrene	0.5
Isophorone	NS
Naphthalene	12
Nitrobenzene	0.08
N-Nitrosodi-N-Propylamine	NS
N-Nitrosodiphenylamine	NS
Pentachlorophenol	0.8
Phenanthrene	1.1
Phenol	0.33
Pyrene	64

Table 3
350 Grand Concourse
Bronx New York
NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Compound	NYSDEC Part 375 UUSCOs
Metals	**mg/kg**
Aluminum	NS
Antimony	NS
Arsenic	13
Barium	410
Beryllium	4.4
Cadmium	2.5
Calcium	NS
Chromium, Hexavalent	1
Chromium, Total	NS
Cobalt	NS
Copper	50
Cyanide	2.3
Iron	NS
Lead	63
Magnesium	NS
Manganese	1600
Mercury	0.18
Nickel	30
Potassium	NS
Selenium	4
Silver	2
Sodium	NS
Thallium	NS
Vanadium	NS
Zinc	109
Polychlorinated Biphenyls	**mg/kg**
PCB-1016 (Aroclor 1016)	NS
PCB-1221 (Aroclor 1221)	NS
PCB-1232 (Aroclor 1232)	NS
PCB-1242 (Aroclor 1242)	NS
PCB-1248 (Aroclor 1248)	NS
PCB-1254 (Aroclor 1254)	NS
PCB-1260 (Aroclor 1260)	NS
PCB-1262 (Aroclor 1262)	NS
PCB-1268 (Aroclor 1268)	NS
Total PCBs	0.1
Pesticides	**mg/kg**
Aldrin	0.0048
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02
Alpha Endosulfan	NS
Beta Bhc (Beta Hexachlorocyclohexane)	0.021
Beta Endosulfan	NS
cis-Chlordane	0.014
Delta BHC (Delta Hexachlorocyclohexane)	0.04
Dieldrin	0.005
Endosulfan Sulfate	NS
Endosulfans ABS	4.3
Endrin	0.014
Endrin Aldehyde	NS
Endrin Ketone	NS
Gamma Bhc (Lindane)	0.025
Heptachlor	0.013
Heptachlor Epoxide	NS
Methoxychlor	NS
P,P'-DDD	0.0033
P,P'-DDE	0.0033
P,P'-DDT	0.0033
Toxaphene	NS

Table 3
350 Grand Concourse
Bronx New York
NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Compound	NYSDEC Part 375 UUSCOs
Per- and Polyfluoroalkyl Substances - UUGVs	**ppb**
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS
2H,2H,3H,3H-Perfluorooctanoic acid	NS
3-Perfluoroheptyl propanoic acid	NS
3-Perfluoropropyl propanoic acid	NS
4,8-Dioxa-3H-perfluorononanoic acid	NS
6:2 Fluorotelomer sulfonate	NS
8:2 Fluorotelomer sulfonate	NS
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS
Hexafluoropropylene oxide dimer acid	NS
N-ethyl perfluorooctanesulfonamide	NS
N-ethyl perfluorooctanesulfonamidoacetic acid	NS
N-ethyl perfluorooctanesulfonamidoethanol	NS
N-methyl perfluorooctanesulfonamide	NS
N-methyl perfluorooctanesulfonamidoacetic acid	NS
N-methyl perfluorooctanesulfonamidoethanol	NS
Nonafluoro-3,6-dioxaheptanoic acid	NS
Perfluoro(2-ethoxyethane)sulfonic acid	NS
Perfluoro-3-methoxypropanoic acid	NS
Perfluoro-4-methoxybutanoic acid	NS
Perfluorobutanesulfonic acid	NS
Perfluorobutanoic acid	NS
Perfluorodecanesulfonic acid	NS
Perfluorodecanoic acid	NS
Perfluorododecanesulfonic acid	NS
Perfluorododecanoic acid	NS
Perfluoroheptanesulfonic acid	NS
Perfluoroheptanoic acid	NS
Perfluorohexanesulfonic acid	NS
Perfluorohexanoic acid	NS
Perfluorononanesulfonic acid	NS
Perfluorononanoic acid	NS
Perfluorooctanesulfonamide	NS
Perfluorooctanesulfonic acid (PFOS)	0.88
Perfluorooctanoic acid (PFOA)	0.66
Perfluoropentanoic acid	NS
Perfluoropentansulfonic acid	NS
Perfluorotetradecanoic acid	NS
Perfluorotridecanoic acid	NS
Perfluoroundecanoic acid	NS

Table 4
350 Grand Concourse
Bronx New York
NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Compound	NYSDEC Part 375 RRSCOs
Volatile Organic Compounds	**mg/kg**
1,1,1-Trichloroethane	100
1,1,2,2-Tetrachloroethane	NS
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS
1,1,2-Trichloroethane	NS
1,1-Dichloroethane	47
1,1-Dichloroethene	0.98
1,2,3-Trichlorobenzene	NS
1,2,4-Trichlorobenzene	NS
1,2,4-Trimethylbenzene	100
1,2-Dibromo-3-Chloropropane	NS
1,2-Dibromoethane (Ethylene Dibromide)	NS
1,2-Dichlorobenzene	100
1,2-Dichloroethane	5.8
1,2-Dichloropropane	NS
1,3,5-Trimethylbenzene (Mesitylene)	100
1,3-Dichlorobenzene	38
1,4-Dichlorobenzene	24
2-Hexanone	NS
Acetone	100
Benzene	3.7
Bromochloromethane	NS
Bromodichloromethane	NS
Bromoform	NS
Bromomethane	NS
Carbon Disulfide	NS
Carbon Tetrachloride	7.1
Chlorobenzene	100
Chloroethane	NS
Chloroform	24
Chloromethane	NS
Cis-1,2-Dichloroethylene	41
Cis-1,3-Dichloropropene	NS
Cyclohexane	NS
Dibromochloromethane	NS
Dichlorodifluoromethane	NS
Ethylbenzene	76
Isopropylbenzene (Cumene)	NS
M,P-Xylenes	NS
Methyl Acetate	NS
Methyl Ethyl Ketone (2-Butanone)	100
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS
Methylcyclohexane	NS
Methylene Chloride	81
N-Butylbenzene	100
N-Propylbenzene	100
O-Xylene (1,2-Dimethylbenzene)	NS
Sec-Butylbenzene	100
Styrene	NS
T-Butylbenzene	100
Tert-Butyl Methyl Ether	100
Tetrachloroethylene (PCE)	18
Toluene	100
Trans-1,2-Dichloroethene	100
Trans-1,3-Dichloropropene	NS
Trichloroethylene (TCE)	6.4
Trichlorofluoromethane	NS
Vinyl Chloride	0.48
Xylenes, Total	100

Table 4
350 Grand Concourse
Bronx New York
NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Compound	NYSDEC Part 375 RRSCOs
Semivolatile Organic Compounds	**mg/kg**
1,2,4,5-Tetrachlorobenzene	NS
1,4-Dioxane (P-Dioxane)	5.7
2,3,4,6-Tetrachlorophenol	NS
2,4,5-Trichlorophenol	NS
2,4,6-Trichlorophenol	NS
2,4-Dichlorophenol	NS
2,4-Dimethylphenol	NS
2,4-Dinitrophenol	NS
2,4-Dinitrotoluene	NS
2,6-Dinitrotoluene	NS
2-Chloronaphthalene	NS
2-Chlorophenol	NS
2-Methylnaphthalene	NS
2-Methylphenol (O-Cresol)	100
2-Nitroaniline	NS
2-Nitrophenol	NS
3- And 4- Methylphenol (Total)	NS
3,3'-Dichlorobenzidine	NS
3-Nitroaniline	NS
4,6-Dinitro-2-Methylphenol	NS
4-Bromophenyl Phenyl Ether	NS
4-Chloro-3-Methylphenol	NS
4-Chloroaniline	NS
4-Chlorophenyl Phenyl Ether	NS
4-Methylphenol (P-Cresol)	100
4-Nitroaniline	NS
4-Nitrophenol	NS
Acenaphthene	100
Acenaphthylene	100
Acetophenone	NS
Anthracene	100
Atrazine	NS
Benzaldehyde	NS
Benzo(a)Anthracene	1.4
Benzo(a)Pyrene	1
Benzo(b)Fluoranthene	1.4
Benzo(g,h,i)Perylene	4.9
Benzo(k)Fluoranthene	4.9
Benzyl Butyl Phthalate	NS
Biphenyl (Diphenyl)	NS
Bis(2-Chloroethoxy) Methane	NS
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS
Bis(2-Chloroisopropyl) Ether	NS
Bis(2-Ethylhexyl) Phthalate	NS
Caprolactam	NS
Carbazole	NS
Chrysene	4.9
Dibenz(a,h)Anthracene	0.33
Dibenzofuran	18
Diethyl Phthalate	NS
Dimethyl Phthalate	NS
Di-N-Butyl Phthalate	NS
Di-N-Octylphthalate	NS
Fluoranthene	100
Fluorene	100
Hexachlorobenzene	0.33
Hexachlorobutadiene	NS
Hexachlorocyclopentadiene	NS
Hexachloroethane	NS
Indeno(1,2,3-c,d)Pyrene	1.4
Isophorone	NS
Naphthalene	100
Nitrobenzene	1.8
N-Nitrosodi-N-Propylamine	NS
N-Nitrosodiphenylamine	NS
Pentachlorophenol	1.3
Phenanthrene	4.9
Phenol	100
Pyrene	100

Table 4
350 Grand Concourse
Bronx New York
NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Compound	NYSDEC Part 375 RRSCOs
Metals	**mg/kg**
Aluminum	NS
Antimony	NS
Arsenic	16
Barium	410
Beryllium	43
Cadmium	2.5
Calcium	NS
Chromium, Hexavalent	1
Chromium, Total	NS
Cobalt	NS
Copper	280
Cyanide	13
Iron	NS
Lead	400
Magnesium	NS
Manganese	2000
Mercury	0.3
Nickel	320
Potassium	NS
Selenium	110
Silver	110
Sodium	NS
Thallium	NS
Vanadium	NS
Zinc	6600
Polychlorinated Biphenyls	**mg/kg**
PCB-1016 (Aroclor 1016)	NS
PCB-1221 (Aroclor 1221)	NS
PCB-1232 (Aroclor 1232)	NS
PCB-1242 (Aroclor 1242)	NS
PCB-1248 (Aroclor 1248)	NS
PCB-1254 (Aroclor 1254)	NS
PCB-1260 (Aroclor 1260)	NS
PCB-1262 (Aroclor 1262)	NS
PCB-1268 (Aroclor 1268)	NS
Total PCBs	1
Pesticides	**mg/kg**
Aldrin	0.044
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.18
Alpha Endosulfan	NS
Beta Bhc (Beta Hexachlorocyclohexane)	0.18
Beta Endosulfan	NS
cis-Chlordane	0.65
Delta BHC (Delta Hexachlorocyclohexane)	100
Dieldrin	0.075
Endosulfan Sulfate	NS
Endosulfans ABS	35
Endrin	5.3
Endrin Aldehyde	NS
Endrin Ketone	NS
Gamma Bhc (Lindane)	0.21
Heptachlor	0.53
Heptachlor Epoxide	NS
Methoxychlor	NS
P,P'-DDD	5
P,P'-DDE	3.4
P,P'-DDT	3.8
Toxaphene	NS

Table 4
350 Grand Concourse
Bronx New York
NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Compound	NYSDEC Part 375 RRSCOs
Per- and Polyfluoroalkyl Substances - RRGVs	**ppb**
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS
2H,2H,3H,3H-Perfluorooctanoic acid	NS
3-Perfluoroheptyl propanoic acid	NS
3-Perfluoropropyl propanoic acid	NS
4,8-Dioxa-3H-perfluorononanoic acid	NS
6:2 Fluorotelomer sulfonate	NS
8:2 Fluorotelomer sulfonate	NS
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS
Hexafluoropropylene oxide dimer acid	NS
N-ethyl perfluorooctanesulfonamide	NS
N-ethyl perfluorooctanesulfonamidoacetic acid	NS
N-ethyl perfluorooctanesulfonamidoethanol	NS
N-methyl perfluorooctanesulfonamide	NS
N-methyl perfluorooctanesulfonamidoacetic acid	NS
N-methyl perfluorooctanesulfonamidoethanol	NS
Nonafluoro-3,6-dioxaheptanoic acid	NS
Perfluoro(2-ethoxyethane)sulfonic acid	NS
Perfluoro-3-methoxypropanoic acid	NS
Perfluoro-4-methoxybutanoic acid	NS
Perfluorobutanesulfonic acid	NS
Perfluorobutanoic acid	NS
Perfluorodecanesulfonic acid	NS
Perfluorodecanoic acid	NS
Perfluorododecanesulfonic acid	NS
Perfluorododecanoic acid	NS
Perfluoroheptanesulfonic acid	NS
Perfluoroheptanoic acid	NS
Perfluorohexanesulfonic acid	NS
Perfluorohexanoic acid	NS
Perfluorononanesulfonic acid	NS
Perfluorononanoic acid	NS
Perfluorooctanesulfonamide	NS
Perfluorooctanesulfonic acid (PFOS)	44
Perfluorooctanoic acid (PFOA)	33
Perfluoropentanoic acid	NS
Perfluoropentansulfonic acid	NS
Perfluorotetradecanoic acid	NS
Perfluorotridecanoic acid	NS
Perfluoroundecanoic acid	NS

Table 5
350 Grand Concourse
Bronx New York
NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives

Compound	NYSDEC Part 375 PGSWCOs
Petroleum-Related Volatile Organic Compounds	**mg/kg**
1,2,4-Trimethylbenzene	5.9
1,3,5-Trimethylbenzene (Mesitylene)	3.1
2-Hexanone	NS
Benzene	0.06
Cyclohexane	NS
Ethylbenzene	1
Isopropylbenzene (Cumene)	NS
M,P-Xylenes	NS
Methyl Acetate	NS
Methyl Ethyl Ketone (2-Butanone)	0.1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS
Methylcyclohexane	NS
N-Butylbenzene	18
N-Propylbenzene	5
O-Xylene (1,2-Dimethylbenzene)	NS
Sec-Butylbenzene	25
Styrene	NS
T-Butylbenzene	11
Tert-Butyl Methyl Ether	0.1
Toluene	0.7

Tables 3-5
350 Grand Concourse
Bronx New York
Notes

DEFINITIONS

NS : No standard.

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

ppb : parts per billion

STANDARDS

Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs):

UUSCOs listed in the New York State Department of Environmental Conservation (NYSDEC) Part 375 Regulations (6 NYCRR Part 375), Table 375-6.8(a).

Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs):

RRSCOs listed in the New York State Department of Environmental Conservation (NYSDEC) Part 375 Regulations (6 NYCRR Part 375), Table 375-6.8(b).

Part 375 Protection of Groundwater Soil Cleanup Objectives (PGWSCOs):

PGWSCOs listed in the New York State Department of Environmental Conservation (NYSDEC) Part 375 Regulations (6 NYCRR Part 375), Table 375-6.8(a).

Part 375 PFAS Unrestricted Use and Restricted Residential Guidance Values (UUGVs and RRGVs)

UUGVs and RRGVs listed in the New York State Department of Environmental Conservation (NYSDEC) Sampling, Analysis and Assessment Of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs Issued April 2023.

Table 6
350 Grand Concourse
Bronx, New York
Summary of RI Soil Sample Exceedances

Compound	Sample ID	UUSCO	RRSCO	PGWSCO	Result
Metals					
Arsenic	RI-SB-21_0-2_20220203	13	16	N/A	13.5 J
Barium	RI-SB-24_3-5_20220131	410	410	N/A	**571**
	SRI-A4-2_3-5_20250520			N/A	**502**
	SRI-B1-1_3-5_20250519			N/A	**1,630 J**
Cadmium	SRI-B2-2_8-10_20250520	2.5	2.5	N/A	**4.5**
Chromium III	RI-SB-21_0-2_20220203	30	110	N/A	75.7 J
Chromium, Hexavalent	RI-SB-21_0-2_20220203	1	1	N/A	**1.9 J**
	RI-SB-24_3-5_20220131			N/A	**1.1 J**
Copper	RI-SB-17_1-3_20220203	50	280	N/A	72.7
	RI-SB-20_0-2_20220131			N/A	76.4
	RI-SB-21_0-2_20220203			N/A	**282 J**
	RI-SB-23_0-2_20220204			N/A	131
	RI-SB-28_0-2_20220204			N/A	73.6
	RI-SB-X_20220203			N/A	58 J
	SRI-A1-4_3-5_20250519			N/A	140 R
	SRI-B1-3_5-7_20250519			N/A	72.5
	SRI-B2-2_8-10_20250520			N/A	163
	SRI-B4-3_8-10_20250522			N/A	60.4
	SRI-X-3_13-15_20250520			N/A	179 J
Lead	RI-SB-16_0-2_20220204	63	400	N/A	236
	RI-SB-18_0-2_20220203			N/A	178
	RI-SB-19_3-5_20220131			N/A	101
	RI-SB-20_0-2_20220131			N/A	116
	RI-SB-21_0-2_20220203			N/A	275 J
	RI-SB-22_0-2_20220204			N/A	205
	RI-SB-22_14-16_20220204			N/A	**555**
	RI-SB-24_3-5_20220131*			N/A	**1,130**
	RI-SB-25_0-2_20220203			N/A	267
	RI-SB-26_0-2_20220204			N/A	130
	RI-SB-27_1-3_20220131			N/A	84.6
	RI-SB-29_0-2_20220203			N/A	384
	RI-SB-X_20220203			N/A	68.4 J
	RI-SB-X_20220204			N/A	240
	SRI-A1-1_3-5_20250519			N/A	162
	SRI-A1-2_13-15_20250519			N/A	233 J
	SRI-A1-2_3-5_20250519			N/A	148
	SRI-A1-2_8-10_20250519			N/A	125
	SRI-A1-3_3-5_20250519			N/A	245
	SRI-A1-3_7-9_20250519			N/A	**1,240**
	SRI-A1-4_3-5_20250519			N/A	335 J
	SRI-A2-1_13-15_20250520			N/A	68.1 J

Table 6
350 Grand Concourse
Bronx, New York
Summary of RI Soil Sample Exceedances

Compound	Sample ID	UUSCO	RRSCO	PGWSCO	Result
Lead (continued)	SRI-A2-1_3-5_20250520	63	400	N/A	98.6
	SRI-A2-1_8-10_20250520			N/A	65.9
	SRI-A2-2_3-5_20250520			N/A	268
	SRI-A2-2_8-10_20250520			N/A	101
	SRI-A2-3_10-12_20250520			N/A	130
	SRI-A2-3_3-5_20250520			N/A	77.9
	SRI-A2-3_8-10_20250520			N/A	73.8
	SRI-A2-4_8-10_20250520			N/A	88
	SRI-A3-1_13-15_20250520			N/A	187
	SRI-A3-1_3-5_20250520			N/A	335
	SRI-A3-2_3-5_20250520			N/A	106
	SRI-A3-3_3-5_20250520			N/A	127
	SRI-A3-4_3-5_20250520			N/A	156
	SRI-A3-4_6-8_20250520			N/A	258
	SRI-A4-2_3-5_20250520			N/A	**665**
	SRI-A4-3_10-12_20250521			N/A	265
	SRI-A4-3_3-5_20250521			N/A	151
	SRI-A4-3_8-10_20250521			N/A	205
	SRI-A4-4_3-5_20250521			N/A	335
	SRI-A4-4_6-8_20250521			N/A	255
	SRI-B1-1_3-5_20250519			N/A	**709 J**
	SRI-B1-2_3-5_20250519			N/A	80.4
	SRI-B1-4_3-5_20250519			N/A	121
	SRI-B1-4_5-7_20250519			N/A	63.8
	SRI-B2-2_8-10_20250520			N/A	**1,030**
	SRI-B3-2C_3-5_20250521			N/A	**608**
	SRI-B4-1A_13-15_20250521			N/A	200
	SRI-B4-1A_3-5_20250521			N/A	244
	SRI-B4-2A_3-5_20250522			N/A	248
	SRI-B4-3_3-5_20250522			N/A	270
	SRI-B4-3_8-10_20250522			N/A	**503**
	SRI-B4-4_3-5_20250522			N/A	243
	SRI-X-3_13-15_20250520			N/A	154 J
	SRI-X-5_3-5_20250521			N/A	118

Table 6
350 Grand Concourse
Bronx, New York
Summary of RI Soil Sample Exceedances

Compound	Sample ID	UUSCO	RRSCO	PGWSCO	Result
Mercury	RI-SB-16_0-2_20220204	0.18	0.3	N/A	0.26
	RI-SB-17_1-3_20220203			N/A	0.22
	RI-SB-18_0-2_20220203			N/A	0.27
	RI-SB-22_0-2_20220204			N/A	0.26
	RI-SB-24_3-5_20220131			N/A	**0.55**
	RI-SB-25_0-2_20220203			N/A	**0.37**
	SRI-A1-1_3-5_20250519			N/A	0.26
	SRI-A1-2_3-5_20250519			N/A	0.22
	SRI-A1-3_3-5_20250519			N/A	**0.39**
	SRI-A1-4_3-5_20250519			N/A	0.2
	SRI-A2-2_3-5_20250520			N/A	0.22
	SRI-A3-1_3-5_20250520			N/A	**0.41**
	SRI-A3-2_3-5_20250520			N/A	**1**
	SRI-A3-3_3-5_20250520			N/A	**1.5**
	SRI-A3-4_3-5_20250520			N/A	**0.4**
	SRI-A3-4_6-8_20250520			N/A	0.27
	SRI-A4-1_3-5_20250520			N/A	0.26
	SRI-A4-2_3-5_20250520			N/A	**0.35**
	SRI-A4-3_3-5_20250521			N/A	0.19
	SRI-A4-4_3-5_20250521			N/A	0.22
	SRI-A4-4_6-8_20250521			N/A	0.27
	SRI-B1-1_3-5_20250519			N/A	**0.33**
	SRI-B2-2_8-10_20250520			N/A	0.22
	SRI-B3-2C_3-5_20250521			N/A	**0.6**
	SRI-B3-4_3-5_20250521			N/A	**43.2**
	SRI-B4-1A_3-5_20250521			N/A	0.26
	SRI-X-5_3-5_20250521			N/A	0.26
Nickel	RI-SB-21_0-2_20220203	30	320	N/A	48.8 J
	SRI-B1-3_13-15_20250519			N/A	34.1
	SRI-B1-3_3-5_20250519			N/A	53.8
	SRI-B1-4_13-15_20250519			N/A	30.8
	SRI-B2-2_8-10_20250520			N/A	43.8
Zinc	RI-SB-16_0-2_20220204	109	6,600	N/A	254
	RI-SB-18_0-2_20220203			N/A	207
	RI-SB-19_3-5_20220131			N/A	114
	RI-SB-21_0-2_20220203			N/A	327 J
	RI-SB-22_0-2_20220204			N/A	173
	RI-SB-22_14-16_20220204			N/A	442
	RI-SB-24_3-5_20220131			N/A	460
	RI-SB-25_0-2_20220203			N/A	178 JL
	RI-SB-26_0-2_20220204			N/A	142 JL
	RI-SB-27_1-3_20220131			N/A	132

Table 6
350 Grand Concourse
Bronx, New York
Summary of RI Soil Sample Exceedances

Compound	Sample ID	UUSCO	RRSCO	PGWSCO	Result
Zinc (continued)	RI-SB-29_0-2_20220203	109	6,600	N/A	208
	RI-SB-X_20220204			N/A	167
	SRI-A1-1_3-5_20250519			N/A	123
	SRI-A1-2_3-5_20250519			N/A	118
	SRI-A1-3_3-5_20250519			N/A	193
	SRI-A1-3_7-9_20250519			N/A	156
	SRI-A1-4_3-5_20250519			N/A	173
	SRI-A2-2_3-5_20250520			N/A	532
	SRI-A2-2_8-10_20250520			N/A	115
	SRI-A3-1_13-15_20250520			N/A	116
	SRI-A3-1_3-5_20250520			N/A	170
	SRI-A3-3_3-5_20250520			N/A	143
	SRI-A3-4_3-5_20250520			N/A	126
	SRI-A3-4_6-8_20250520			N/A	196
	SRI-A4-2_3-5_20250520			N/A	345
	SRI-A4-3_10-12_20250521			N/A	181
	SRI-A4-3_3-5_20250521			N/A	168
	SRI-A4-3_8-10_20250521			N/A	130 JK
	SRI-A4-4_3-5_20250521			N/A	202
	SRI-A4-4_6-8_20250521			N/A	288
	SRI-B1-1_3-5_20250519			N/A	997 J
	SRI-B1-3_13-15_20250519			N/A	115
	SRI-B1-3_3-5_20250519			N/A	210
	SRI-B1-4_3-5_20250519			N/A	227 J
	SRI-B2-2_8-10_20250520			N/A	1,040
	SRI-B3-2B_8-10_20250521			N/A	121
	SRI-B3-2C_3-5_20250521			N/A	385
	SRI-B4-1A_13-15_20250521			N/A	164
	SRI-B4-1A_3-5_20250521			N/A	159
	SRI-B4-2A_3-5_20250522			N/A	157
	SRI-B4-3_3-5_20250522			N/A	156
	SRI-B4-3_8-10_20250522			N/A	112
	SRI-B4-4_3-5_20250522			N/A	117
	SRI-X-5_3-5_20250521			N/A	122

Table 6
350 Grand Concourse
Bronx, New York
Summary of RI Soil Sample Exceedances

Compound	Sample ID	UUSCO	RRSCO	PGWSCO	Result
Pesticides					
Aldrin	RI-SB-27_1-3_20220131	0.0048	0.044	N/A	0.0098
Dieldrin	RI-SB-27_1-3_20220131	0.005	0.075	N/A	0.048
P,P'-DDT	RI-SB-25_0-2_20220203	0.0033	3.8	N/A	0.012

Notes:

Units = mg/kg

RI-SB-X_20220203 is a blind duplicate of sample RI-SB-21 (0-2) 20220203.

RI-SB-X_20220204 is a blind duplicate of sample RI-SB-16 (0-2) 20220204.

SRI-X-3_13-15_20250520 is a blind duplicate of sample SRI-A2-1_13-15_20250520.

SRI-X-5_3-5_20250521 is a blind duplicate of sample SRI-A4-3_3-5_20250521.

SRI-X-7_3-5_20250522 is a blind duplicate of sample SRI-A1-3B_3-5_20250522.

*Sample removed during IRM hotspot excavation in 2022.

J - The concentration given is an estimated value.

K - Reported concentration value is proportional to dilution factor and may be exaggerated.

L - The concentration given is an estimated value.

N/A - Not applicable.

R - Indicates the reported result is unusable (note: the analyte may or may not be present).

Exceedances of PGWSCOs are highlighted with an underline.

Exceedances of RRSCOs are highlighted in gray with **bold** font.

Table 7

350 Grand Concourse

Bronx, New York

List of Permits/Certifications/Approvals

Energy

FRESH Certification

DEP Site Connection

(OER) Notice To Proceed (Hazmat/Noise/Air)

HPD (BLDS) Approval

DEP Dewatering Permit

DEP - SWPPP

Transit Authority Approval (SOE, Foundation and Structural)

Metro North Approval

Department of Buildings

Support of Excavation

Foundation

Structural

Mechanical

MS Energy

Plumbing

PL Energy

Sprinkler, Standpipe

Underground Plumbing

Curb Cut (Parking/Loading Dock)

SOE Soil Remediation

Builders Pavement Plan

Fire Department

Fire Protection Plan

ARCS filing

Fire Alarm

Parks

Parks Filing

Topography Bureau

Topo filing

APPENDIX A
STANDARDS, CRITERIA, AND GUIDANCE

1.0 SCGS FOR SITE CHARACTERIZATION AND REMEDIAL INVESTIGATION

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

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

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

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

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

2.0 SCGS FOR REMEDY SELECTION

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

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

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

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

3.0 SCGS FOR UNDERGROUND STORAGE TANK CLOSURE

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

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

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

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

4.0 SCGS FOR REMEDIAL ACTION

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

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

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

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

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

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

5.0 SCGS FOR SITE MANAGEMENT

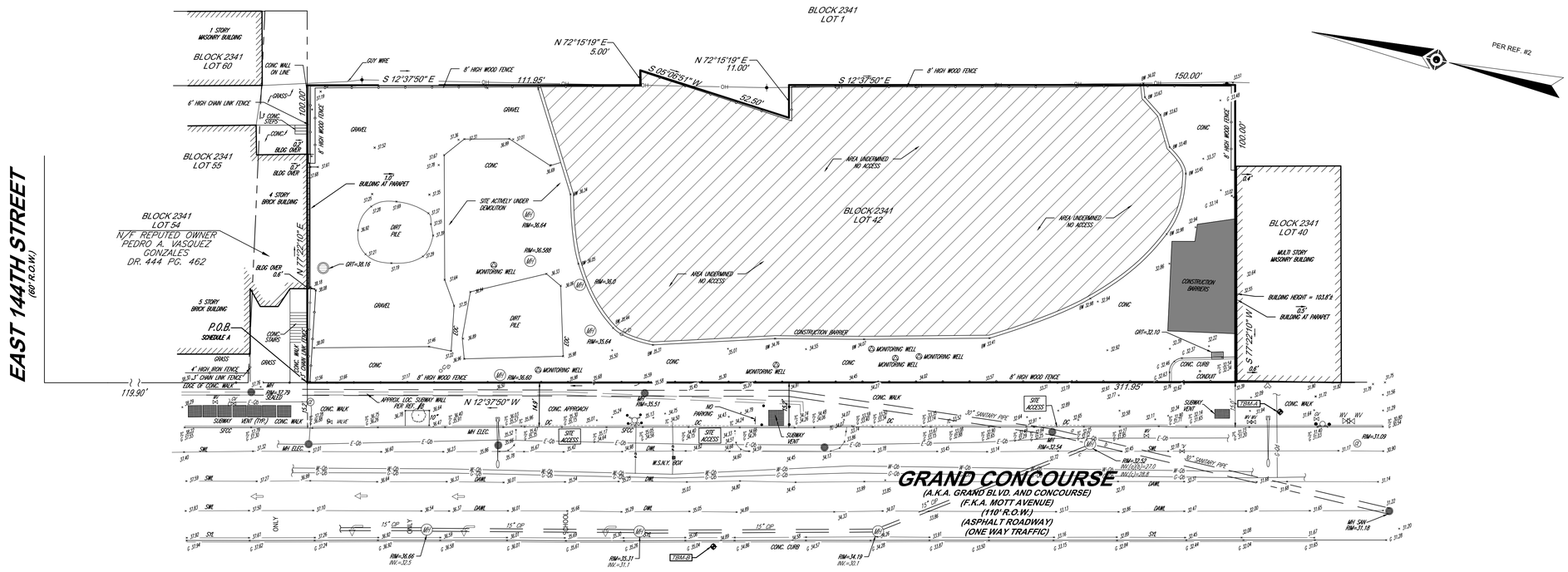
The following standards and criteria typically apply to Site Management activities conducted in New York State:

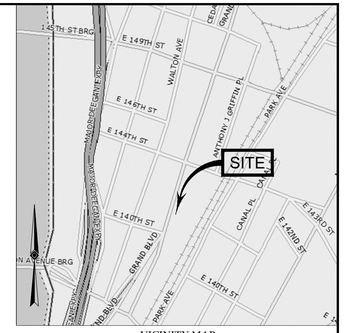
- 6 NYCRR Part 175 - Special Licenses and Permits--Definitions and Uniform Procedures

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

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

APPENDIX B
METES AND BOUNDS





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

LEGEND

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

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

NOTES:

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

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

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

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

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

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

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

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

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

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

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

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

REFERENCES:

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

SCHEDULE A DESCRIPTION

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

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

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

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

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

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

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

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

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

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

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

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

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

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

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

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

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

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

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

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

REVISIONS

PROJECT NAME

LOT 42, BLOCK 2341

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

DRAWING TITLE

ALTA/NSPS LAND TITLE SURVEY

SEAL & SIGNATURE

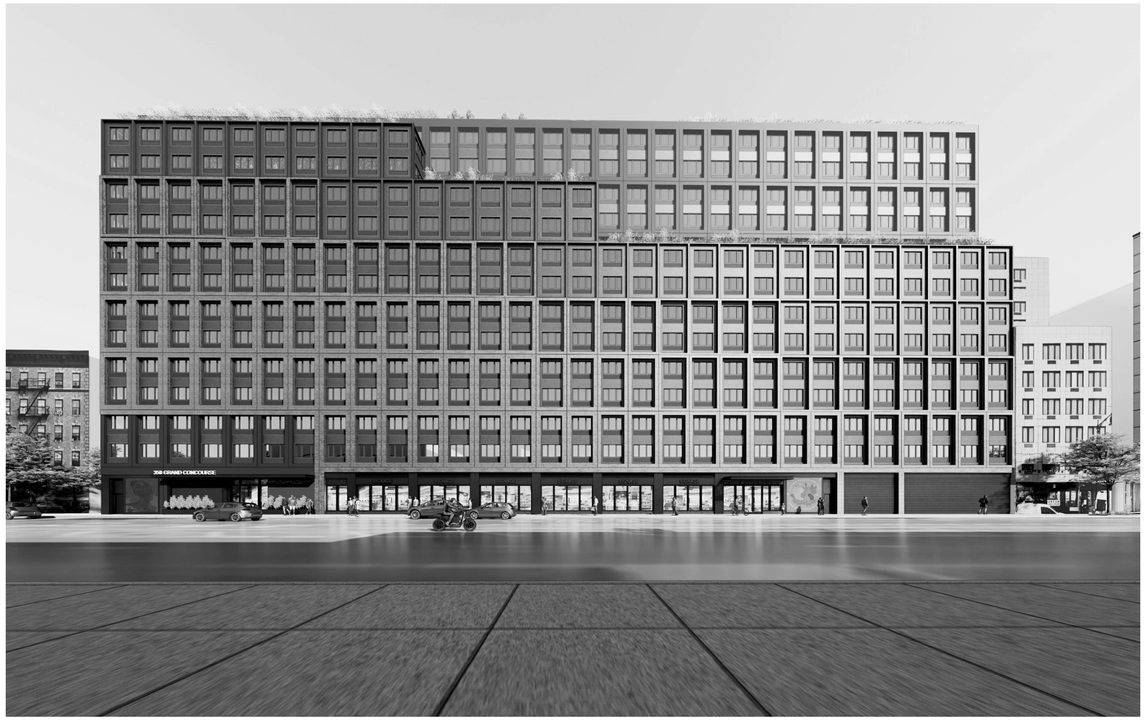
STATE OF NEW YORK · JAMES C. WEED · 050765 · LICENSED LAND SURVEYOR

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

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

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

APPENDIX C
REDEVELOPMENT PLANS



350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

BOGOPA SERVICE CORPORATION

650 FOUNTAIN AVENUE
BROOKLYN, NY 11208
718-346-6500

SHOREWOOD REAL ESTATE GROUP

292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

CD ISSUANCE

11/07/2025

S9ARCHITECTURE

11/7/2025 11:05:19 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

SHEET#	DRAWING TITLE	50% DD PROGRESS SET - 03.24.2025	65% DD ISSUANCE - 04.04.2025	DD ISSUANCE - 05.02.2025	50% CD ISSUANCE - 08.15.2025	DOB NB ISSUANCE - 09.22.2025	DOB BN ISSUANCE - 09.19.2025	DOB EN ISSUANCE - 11.07.2025
GENERAL								
G-000	COVER SHEET	•	•	•	•	•		•
G-001	DRAWING INDEX	•	•	•	•	•		•
ZONING								
Z-001	ZONING MAPS & FLOOD MAPS		•	•	•	•		•
Z-002	ZONING COMPLIANCE	•	•	•	•	•		•
Z-003	ZONING DIAGRAMS		•	•	•	•		•
Z-004	ZONING FLOOR AREA PLANS & CALCULATION				•	•		•
Z-005	ZONING FLOOR AREA PLANS				•	•		•
Z-006	ZONING FLOOR AREA PLANS				•	•		•
Z-007	UNIT MIX AND KEY PLANS			•	•	•		•
Z-008	UNIT MIX AND KEY PLANS			•	•	•		•
Z-009	UNIT MIX AND KEY PLANS			•	•	•		•
Z-010	ZONING DIAGRAMS				•	•		•
Z-011	ZONING DIAGRAMS				•	•		•
ENERGY								
EN-001	ENERGY CODE COMPLIANCE						•	•
EN-002	ENERGY CODE COMPLIANCE						•	•
EN-010	ENERGY CODE ELEVATIONS - EAST, WEST						•	•
EN-011	ENERGY CODE ELEVATIONS - NORTH, SOUTH						•	•
EN-012	ENERGY CODE ELEVATIONS - INTERIOR						•	•
EN-013	ENERGY CODE PLANS						•	•
EN-014	AIR BARRIER CONTINUITY PLANS						•	•
EN-015	AIR BARRIER CONTINUITY SECTIONS						•	•
EN-016	ENERGY CODE WALL ASSEMBLY DETAIL						•	•
EN-017	ENERGY CODE WALL ASSEMBLY DETAIL						•	•
EN-018	ENERGY CODE WALL ASSEMBLY DETAIL						•	•
CIVIL								
C-001	GENERAL NOTES				•			
C-301	EROSION & SEDIMENT CONTROL PLAN				•			
C-401	SITE PLAN				•			
C-601	DRAINAGE & UTILITY PLAN				•			
C-901	CONSTRUCTION DETAILS				•			
C-902	CONSTRUCTION DETAILS				•			
ARCHITECTURAL								
A-001	ABBREVIATIONS AND SYMBOLS	•	•	•	•	•		•
A-002	ACCESSIBILITY DIAGRAMS AND NOTES 1 ICC ANSI 117.1 2009	•	•	•	•	•		•
A-003	ACCESSIBILITY DIAGRAMS AND NOTES 2 ICC ANSI 117.1 2009	•	•	•	•	•		•
A-004	ACCESSIBILITY MOUNTING HEIGHTS & NOTES 3 ICC ANSI A117.1 2009	•	•	•	•	•		•
A-010	PROJECT SUMMARY & BUILDING CODE COMPLIANCE					•		•
A-020	SITE SURVEY	•	•	•	•	•		•
A-021	SITE PLAN	•	•	•	•	•		•
A-030	LIFE SAFETY & EGRESS PLANS - CELLAR					•		•
A-031	LIFE SAFETY & EGRESS PLANS - 1ST FLOOR					•		•
A-032	LIFE SAFETY & EGRESS PLANS - 2ND FLOOR					•		•
A-033	LIFE SAFETY & EGRESS PLANS - 3RD-9TH FLOOR					•		•
A-034	LIFE SAFETY & EGRESS PLANS - 10TH-11TH FLOOR					•		•
A-035	LIFE SAFETY & EGRESS PLANS - 12TH FLOOR					•		•
A-036	LIFE SAFETY & EGRESS PLANS - PENTHOUSE FLOOR					•		•
A-037	LIFE SAFETY & EGRESS PLANS - ROOF					•		•
A-100	CELLAR FLOOR - OVERALL PLAN	•	•	•	•	•		•
A-101	1ST FLOOR - OVERALL PLAN	•	•	•	•	•		•
A-102	2ND FLOOR - OVERALL PLAN	•	•	•	•	•		•
A-103	3RD-6TH FLOOR - OVERALL PLAN	•	•	•	•	•		•
A-104	7TH-9TH FLOOR - OVERALL PLAN					•		•
A-105	10TH-11TH FLOOR - OVERALL PLAN	•	•	•	•	•		•
A-106	12TH FLOOR - OVERALL PLAN	•	•	•	•	•		•
A-107	PENTHOUSE FLOOR - OVERALL PLAN	•	•	•	•	•		•
A-108	ROOF FLOOR - OVERALL PLAN	•	•	•	•	•		•
A-109	BULKHEAD FLOOR - OVERALL PLAN	•	•	•	•	•		•
A-110a	CELLAR FLOOR - ENLARGED CELLAR PLAN	•	•			•		•
A-111ac	1ST FLOOR - PARTIAL PLAN A + C	•	•			•		•
A-112a	2ND FLOOR - PARTIAL PLAN A	•	•			•		•
A-113a	3RD-6TH FLOOR - PARTIAL PLAN A	•	•			•		•
A-113b	3RD-6TH FLOOR - PARTIAL PLAN B	•	•			•		•
A-113c	3RD-6TH FLOOR - PARTIAL PLAN C	•	•			•		•
A-114b	7TH-9TH FLOOR - PARTIAL PLAN B					•		•
A-115b	10TH-11TH FLOOR - PARTIAL PLAN B	•	•			•		•
A-115c	10TH-11TH FLOOR - PARTIAL PLAN C	•	•			•		•
A-116a	12TH FLOOR - PARTIAL PLAN A	•	•			•		•
A-116b	12TH FLOOR - PARTIAL PLAN B	•	•			•		•
A-117a	PENTHOUSE FLOOR - PARTIAL PLAN A	•	•			•		•
A-118a	ROOF FLOOR - PARTIAL PLAN A	•	•			•		•
A-118b	ROOF FLOOR - PARTIAL PLAN B	•	•			•		•
A-118c	ROOF FLOOR - PARTIAL PLAN C	•	•			•		•
A-130	ENLARGED UNIT PLAN 08D	•	•	•	•	•		•
A-131	ENLARGED UNIT PLAN 18D	•	•	•	•	•		•
A-132	ENLARGED UNIT PLAN 28D	•	•	•	•	•		•
A-200	BUILDING ELEVATION - WEST	•	•	•	•	•		•
A-201	BUILDING ELEVATION - EAST	•	•	•	•	•		•
A-202	BUILDING ELEVATION - NORTH & SOUTH	•	•	•	•	•		•
A-210	ENLARGED BUILDING ELEVATIONS 1ST FLOOR			•	•	•		•
A-211	ENLARGED BUILDING ELEVATIONS 2ND FLOOR			•	•	•		•
A-212	ENLARGED BUILDING ELEVATION - BULKHEADS	•	•	•	•	•		•
A-213	TYPICAL EIFS COLOR LAYOUT AT EAST ELEVATION							•
A-250	PRE-CAST CONCRETE PANEL EXTERIOR WALL TYPOLOGIES	•	•	•	•			•
A-251	PRE-CAST CONCRETE PANEL EXTERIOR WALL TYPOLOGIES			•	•			•
A-300	BUILDING SECTIONS	•	•	•	•			•
A-301	BUILDING SECTIONS			•	•	•		•
A-302	BUILDING SECTIONS	•	•	•	•	•		•
A-310	STAIR A - ENLARGED STAIR PLANS AND SECTIONS	•	•	•	•	•		•
A-311	STAIR B - ENLARGED STAIR PLANS AND SECTIONS	•	•	•	•	•		•
A-312	STAIR RETAIL A, B, C, D - ENLARGED STAIR PLANS AND SECTIONS	•	•	•	•	•		•
A-314	RAMP- PARKING GARAGE - ENLARGED PLAN	•	•	•	•	•		•
A-315	RAMP - PARKING GARAGE - ENLARGED SECTIONS				•	•		•
A-316	RAMP - LOADING DOCK - ENLARGED PLANS AND SECTIONS				•	•		•
A-320	STAIR DETAILS			•	•	•		•
A-330	RESI CORE - ENLARGED ELEVATORS PLANS AND SECTIONS			•				
A-331	RETAIL CORES - ENLARGED ELEVATORS PLANS AND SECTIONS			•				
A-332	RETAIL CORES - ENLARGED ELEVATORS PLANS AND SECTIONS			•				
A-360	TRASH CHUTE AND REFUSE ROOM - PLAN AND SECTIONS			•	•	•		•
A-370	RETAIL CANOPY PLANS AND ELEVATIONS			•	•	•		•
A-371	RESIDENTIAL CANOPY PLANS AND ELEVATIONS					•		•
A-400	CELLAR FLOOR - OVERALL RCP			•	•			•
A-401	1ST FLOOR - OVERALL RCP			•	•			•
A-402	2ND FLOOR - OVERALL RCP			•	•			•
A-403	3RD - 6TH FLOOR - OVERALL RCP	•	•	•	•			•
A-404	7TH - 9TH FLOOR - OVERALL RCP				•			•
A-405	10TH FLOOR - OVERALL RCP	•	•	•	•			•
A-406	12TH FLOOR - OVERALL RCP	•	•	•	•			•
A-407	PENTHOUSE FLOOR - OVERALL RCP	•	•	•	•			•
A-408	ROOF - OVERALL RCP	•	•		•			•
A-500	EXTERIOR WALL SECTIONS - WEST	•	•	•	•	•		•
A-501	EXTERIOR WALL SECTIONS - WEST			•	•	•		•
A-502	EXTERIOR WALL SECTIONS - EAST			•	•	•		•
A-503	EXTERIOR WALL SECTIONS - NORTH AND SOUTH			•	•	•		•
A-520	SECTION DETAILS 1ST FLOOR STOREFRONT			•	•	•		•
A-521	SECTION DETAILS 1ST FLOOR STOREFRONT 2							•
A-522	SECTION DETAILS WINDOWS, DOORS AND STOREFRONT			•	•	•		•
A-523	SECTION DETAILS INT. WALLS, PARAPET, ROOF AND ADJ. BLDG.			•	•	•		•
A-530	PLAN DETAILS @ PRECAST CONCRETE PANELS			•	•	•		•
A-531	PLAN DETAILS @ EIFS			•	•	•		•
A-532	PLAN DETAILS @ STOREFRONT			•	•	•		•
A-550	TYPICAL FOUNDATION DETAILS				•	•		•
A-560	TYPICAL ROOFING DETAILS				•	•		•
A-570	TYPICAL MISC. DETAILS			•	•	•		•
A-571	TYPICAL SHAFT DETAILS							•
A-580	ROOF / TERRACE DIVIDER DETAILS				•	•		•
A-600	PARTITION SCHEDULE			•	•	•		•
A-610	DOOR SCHEDULE	•	•	•	•	•	•	•
A-611	DOOR AND FRAME TYPES							•
A-612	DOOR HEADER DETAILS				•	•		•
A-613	DOOR JAMB DETAILS				•	•		•
A-614	DOOR SILL DETAILS 1				•	•		•
A-615	DOOR SILL DETAILS 2							•
A-620	SIGNAGE DETAILS			•	•			•
A-635	INTERIOR MATERIAL SCHEDULES				•			•
A-636	INTERIOR MATERIAL SCHEDULES				•			•
A-640	PLUMB. FIXTURE, ACCESSORY & APPLIANCE SCHEDULES			•	•			•
A-645	CLOSET SCHEDULE				•			
A-650	INTERIOR LIGHTING SCHEDULE							
A-655	EXTERIOR LIGHTING SCHEDULE							
A-660	EXTERIOR STOREFRONT TYPES & SCHEDULE			•	•	•		•
A-670	EXTERIOR WINDOW/LOUVER TYPES & SCHEDULE			•	•	•	•	•
A-680	ENLARGED INTERIOR FINISH PLANS CELLAR FLOOR 1				•			•
A-681	ENLARGED INTERIOR FINISH PLANS CELLAR FLOOR 2							•
A-682	ENLARGED INTERIOR FINISH PLANS 1ST FLOOR 1							•
A-683	ENLARGED INTERIOR FINISH PLANS 1ST FLOOR 2				•			•
A-684	ENLARGED INTERIOR FINISH PLANS 2ND FLOOR 1				•			•
A-685	ENLARGED INTERIOR FINISH PLANS 2ND FLOOR 2							•
A-686	ENLARGED INTERIOR FINISH PLANS 2ND FLOOR 3							•
A-687	ENLARGED INTERIOR FINISH PLANS PENTHOUSE FLOOR							•
A-688	ENLARGED INTERIOR FINISH PLANS UNIT CORRIDOR							•
A-700	ENLARGED KITCHEN PLANS AND ELEVATIONS	•	•	•	•	•		•
A-701	ENLARGED BATHROOM PLANS AND ELEVATIONS	•	•	•	•	•		•
A-710	ENLARGED AMENITY KITCHEN PLANS AND ELEVATIONS	•	•	•	•	•		
A-711	ENLARGED AMENITY BATHROOM PLANS AND ELEVATIONS	•	•	•	•	•		
A-720	ELEVATOR CAB PLANS, ELEV. AND DETAILS				•			•
A-730	CELLAR FLOOR POWER, DATA, FURNITURE PLANS							
A-731	1ST FLOOR POWER, DATA, FURNITURE PLANS							
A-732	2ND FLOOR POWER, DATA, FURNITURE PLANS							
A-740	ENLARGED ELECTRICAL UNIT PLANS - 08R							
A-741	ENLARGED ELECTRICAL UNIT PLANS - 18R							
A-742	ENLARGED ELECTRICAL UNIT PLANS - 28R							
A-750	TYPICAL CEILING DETAILS				•			•
A-760	TYPICAL INTERIOR DETAILS				•			•
A-770	MILLWORK ENLARGED PLANS AND ELEVATIONS				•			•

SHEET#	DRAWING TITLE	50% DD PROGRESS SET - 03.24.2025	65% DD ISSUANCE - 04.04.2025	DD ISSUANCE - 05.02.2025	50% CD ISSUANCE - 08.15.2025	DOB NB ISSUANCE - 09.22.2025	DOB BN ISSUANCE - 09.19.2025	DOB EN ISSUANCE - 11.07.2025
A-771	MILLWORK DETAILS				•			
A-772	MILLWORK DETAILS				•			
A-773	MILLWORK DETAILS				•			
A-780	TYPICAL BATHROOM DETAILS							
A-800	CELLAR - SLAB EDGE PLAN							•
A-801	1ST FLOOR - SLAB EDGE PLAN							•
A-802	2ND FLOOR - SLAB EDGE PLAN							•
A-803	3RD FLOOR - SLAB EDGE PLAN							•
A-804	4RD - 6TH FLOOR - SLAB EDGE PLAN							•
A-805	7TH - 9TH FLOOR - SLAB EDGE PLAN							•
A-806	10TH-11TH FLOOR - SLAB EDGE PLAN							•
A-807	12TH FLOOR - SLAB EDGE PLAN							•
A-808	PENTHOUSE FLOOR - SLAB EDGE PLAN							•
A-809	ROOF - SLAB EDGE PLAN							•
A-810	BULKHEAD - SLAB EDGE PLAN							•
A-900	3D VIEWS	•	•	•	•			•
SUPPORT OF EXCAVATIONS								
SOE-100.00	SUPPORT OF EXCAVATION GENERAL NOTES			•	•			•
SOE-101.00	NYCT GENERAL NOTES & INSURANCE REQUIREMENTS				•			•
SOE-110.00	SUPPORT OF EXCAVATION PLAN				•			•
SOE-120.00	SUPPORT OF EXCAVATION SECTIONS			•	•			•
SOE-121.00	SUPPORT OF EXCAVATION SECTIONS				•			•
SOE-122.00	SUPPORT OF EXCAVATION SECTIONS				•			•
SOE-123.00	SUPPORT OF EXCAVATION SECTIONS			•	•			•
SOE-130.00	SUPPORT OF EXCAVATION DETAILS AND SECTIONS				•			•
SOE-131.00	SUPPORT OF EXCAVATION DETAILS AND SECTIONS				•			•
STRUCTURAL								
FO-001	FOUNDATION GENERAL NOTES AND TYPICAL DETAILS 1			•	•			•
FO-002	FOUNDATION TYPICAL DETAILS 2			•	•			•
FO-003	FOUNDATION TYPICAL DETAILS 3			•	•			•
FO-004	FOUNDATION TYPICAL DETAILS 4			•	•			•
FO-005	FOUNDATION TYPICAL DETAILS 5				•			•
FO-006	FLOOD MAPS				•			•
FO-101	FOUNDATION & CELLAR FRAMING PLAN			•	•			•
FO-201	FOUNDATION SECTIONS		•	•	•			•
S-001	GENERAL NOTES		•	•	•			•
S-002	DESIGN CRITERIA		•	•	•			•
S-003	TYPICAL DETAILS 1		•	•	•			•
S-004	TYPICAL DETAILS 2		•	•	•			•
S-005	TYPICAL DETAILS 3		•	•	•			•
S-006	TYPICAL DETAILS 4				•			•
S-007	FLOOD MAPS		•	•	•			•
S-101	1ST FLOOR FRAMING PLAN		•	•	•			•
S-102	2ND FLOOR FRAMING PLAN		•	•	•			•
S-103	3RD FLOOR FRAMING PLAN - BOTTOM REINFORCEMENT		•	•	•			•
S-104	3RD FLOOR FRAMING PLAN - TOP REINFORCEMENT		•	•	•			•
S-105	3RD FLOOR FRAMING PLAN - SHEAR REINFORCEMENT			•	•			•
S-106	4TH - 9TH FLOOR FRAMING PLAN		•	•	•			•
S-108	11TH FRAMING PLAN		•	•	•			•
S-109	12TH FRAMING PLAN		•	•	•			•
S-110	PENTHOUSE FRAMING PLAN		•	•	•			•
S-113	RAMP FRAMING PART PLAN			•	•			•
S-201	SECTIONS				•			•
S-301	COLUMN SCHEDULES 1			•	•			•
S-302	COLUMN SCHEDULES 2			•	•			•
S-303	SCHEDULES			•	•			•
S-401	SHEAR WALL DETAILS AND PART PLAN			•	•			•
S-402	SHEAR WALL PART PLANS 2				•			•
S-600	FOUNDATION DIMENSIONAL PLAN				•			•
S-601	1ST FLOOR DIMENSIONAL PLAN				•			•
S-602	2ND FLOOR DIMENSIONAL PLAN				•			•
S-603	3RD FLOOR DIMENSIONAL PLAN				•			•
S-604	4TH - 9TH FLOOR FRAMING PLAN		•	•	•			•
S-605	10TH FLOOR DIMENSIONAL PLAN				•			•
S-606	11TH FLOOR DIMENSIONAL PLAN				•			•
S-607	12TH FLOOR DIMENSIONAL PLAN				•			•
S-608	PENTHOUSE DIMENSIONAL PLAN				•			•
S-609	ROOF DIMENSIONAL PLAN				•			•
S-610	BULKHEAD DIMENSIONAL PLAN				•			•
S-700	CON-EDISON SPECIFICATION E0-1008 (PART 1)				•			•
S-701	CON-EDISON SPECIFICATION E0-1008 (PART 2)				•			•
MECHANICAL								
M-101.00	MECHANICAL COVER SHEET		•	•	•			•
M-300.00	MECHANICAL PLAN - CELLAR		•	•	•			•
M-301.00	MECHANICAL PLAN - GROUND FLOOR		•	•	•			•
M-302.00	MECHANICAL PLAN - 2ND FLOOR		•	•	•			•
M-303.00	MECHANICAL PLAN - 3RD-6TH FLOOR		•	•	•			•
M-307.00	MECHANICAL PLAN - 7TH-8TH FLOOR		•	•	•			•
M-309.00	MECHANICAL PLAN - 9TH FLOOR				•			•
M-310.00	MECHANICAL PLAN - 10TH FLOOR		•	•	•			•
M-311.00	MECHANICAL PLAN - 11TH FLOOR				•			•
M-312.00	MECHANICAL PLAN - 12TH FLOOR		•	•	•			•
M-313.00	MECHANICAL PLAN - PENTHOUSE FLOOR		•	•	•			•
M-314.00	MECHANICAL PLAN - ROOF		•	•	•			•
M-400.00	MECHANICAL PIPING PLAN - CELLAR				•			•
M-401.00	MECHANICAL PIPING PLAN - 1ST FLOOR				•			•
M-402.00	MECHANICAL PIPING PLAN - 2ND FLOOR				•			•
M-501.00	MECHANICAL RISER DIAGRAM (1 OF 2)				•			•
M-502.00	MECHANICAL RISER DIAGRAM (2 OF 2)				•			•
M-601.00	MECHANICAL SCHEDULES (1 OF 2)		•	•	•			•
M-602.00	MECHANICAL SCHEDULES (2 OF 2)		•	•	•			•
M-701.00	MECHANICAL DETAILS (1 OF 3)		•	•	•			•
M-702.00	MECHANICAL DETAILS (2 OF 3)		•	•	•			•
M-703.00	MECHANICAL DETAILS (3 OF 3)		•	•	•			•
PLUMBING								
P-101.00	PLUMBING COVER SHEET		•	•	•			•
P-299.00	PLUMBING PLAN - UNDERGROUND		•	•	•			•
P-300.00	PLUMBING PLAN - CELLAR		•	•	•			•
P-301.00	PLUMBING PLAN - 1ST FLOOR		•	•	•			•
P-302.00	PLUMBING PLAN - 2ND FLOOR		•	•	•			•
P-303.00	PLUMBING PLAN - 3RD-6TH FLOOR		•	•	•			•
P-307.00	PLUMBING PLAN - 7TH-8TH FLOOR		•	•	•			•
P-310.00	PLUMBING PLAN - 10TH-11TH FLOOR		•	•	•			•
P-312.00	PLUMBING PLAN - 12TH FLOOR		•	•	•			•
P-313.00	PLUMBING PLAN - PENTHOUSE FLOOR		•	•	•			•
P-314.00	PLUMBING PLAN - ROOF		•	•	•			•
P-315.00	PLUMBING PLAN - BULKHEAD		•	•	•			•
P-501.00	PLUMBING SANITARY RISER DIAGRAM (1 OF 5)				•			•
P-502.00	PLUMBING SANITARY RISER DIAGRAM (2 OF 5)				•			•
P-503.00	PLUMBING SANITARY RISER DIAGRAM (3 OF 5)				•			•
P-504.00	PLUMBING SANITARY RISER DIAGRAM (4 OF 5)				•			•
P-505.00	PLUMBING SANITARY RISER DIAGRAM (5 OF 5)				•			•
P-511.00	PLUMBING DOMESTIC WATER RISER DIAGRAM (1 OF 6)		•	•	•			•
P-512.00	PLUMBING DOMESTIC WATER RISER DIAGRAM (2 OF 6)				•			•
P-513.00	PLUMBING DOMESTIC WATER RISER DIAGRAM (3 OF 6)				•			•
P-514.00	PLUMBING DOMESTIC WATER RISER DIAGRAM (4 OF 6)				•			•
P-515.00	PLUMBING DOMESTIC WATER RISER DIAGRAM (5 OF 6)				•			•
P-516.00	PLUMBING DOMESTIC WATER RISER DIAGRAM (6 OF 6)				•			•
P-521.00	PLUMBING STORM & GAS RISER DIAGRAMS			•	•			•
P-601.00	PLUMBING SCHEDULES		•	•	•			•
P-701.00	PLUMBING DETAILS (1 OF 2)		•	•	•			•
P-702.00	PLUMBING DETAILS (2 OF 2)				•			•
ELECTRICAL								
E-101.00	ELECTRICAL COVER SHEET		•	•	•			•
E-102.00	ELECTRICAL LIGHTING FIXTURE SCHEDULE		•	•	•			•
E-300.00	ELECTRICAL POWER PLAN - CELLAR		•	•	•			•
E-301.00	ELECTRICAL POWER PLAN - 1ST FLOOR		•	•	•			•
E-302.00	ELECTRICAL POWER PLAN - 2ND FLOOR			•	•			•
E-303.00	ELECTRICAL POWER PLAN - 3RD-6TH FLOOR		•	•	•			•
E-307.00	ELECTRICAL POWER PLAN - 7RD-9TH FLOOR		•	•	•			•
E-310.00	ELECTRICAL POWER PLAN - 10TH-11TH FLOOR		•	•	•			•
E-312.00	ELECTRICAL POWER PLAN - 12TH FLOOR		•	•	•			•
E-313.00	ELECTRICAL POWER PLAN - 13TH FLOOR		•	•	•			•
E-314.00	ELECTRICAL POWER PLAN - ROOF		•	•	•			•
E-315.00	ELECTRICAL POWER PLAN - BULKHEAD		•	•	•			•
E-351.00	ELECTRICAL POWER PART PLANS - APARTMENTS (1 OF 2)		•	•	•			•
E-352.00	ELECTRICAL POWER PART PLANS - APARTMENTS (2 OF 2)		•	•	•			•
E-400.00	ELECTRICAL LIGHTING PLAN - CELLAR			•	•			•
E-401.00	ELECTRICAL LIGHTING PLAN - 1ST FLOOR			•	•			•
E-402.00	ELECTRICAL LIGHTING PLAN - 2ND FLOOR			•	•			•
E-403.00	ELECTRICAL LIGHTING PLAN - 3RD-6TH FLOOR			•	•			•
E-407.00	ELECTRICAL LIGHTING PLAN - 6RD-9TH FLOOR			•	•			•
E-410.00	ELECTRICAL LIGHTING PLAN - 10TH-11TH FLOOR			•	•			•
E-412.00	ELECTRICAL LIGHTING PLAN - 12TH FLOOR		•	•	•			•
E-413.00	ELECTRICAL LIGHTING PLAN - 13TH FLOOR			•	•			•
E-414.00	ELECTRICAL LIGHTING PLAN - ROOF			•	•			•
E-415.00	ELECTRICAL LIGHTING PLAN - BULKHEAD			•	•			•
E-501.00	ELECTRICAL RISER DIAGRAM (1 OF 2)		•	•	•			•
E-502.00	ELECTRICAL RISER DIAGRAM (2 OF 2)		•	•	•			•
E-601.00	ELECTRICAL SCHEDULES (1 OF 4)			•	•			•
E-602.00	ELECTRICAL SCHEDULES (2 OF 4)			•	•			•
E-603.00	ELECTRICAL SCHEDULES (3 OF 4)			•	•			•
E-604.00	ELECTRICAL SCHEDULES (4 OF 4)			•	•			•
E-701.00	ELECTRICAL DETAILS (1 OF 3)		•	•	•			•
E-702.00	ELECTRICAL DETAILS (2 OF 3)		•	•	•			•
E-703.00	ELECTRICAL DETAILS (3 OF 3)		•	•	•			•
E-899.00	CONDUIT ROUTING PLAN - UNDERGROUND				•			•
E-900.00	CONDUIT ROUTING PLAN - CELLAR				•			•
E-901.00	CONDUIT ROUTING PLAN - 1ST FLOOR				•			•
E-902.00	CONDUIT ROUTING PLAN - 2ND FLOOR				•			•
E-903.00	CONDUIT ROUTING PLAN - 3RD-6TH FLOOR				•			•
E-904.00	CONDUIT ROUTING PLAN - 7RD-9TH FLOOR				•			•
E-910.00	CONDUIT ROUTING PLAN - 10TH-11TH FLOOR				•			•
E-912.00	CONDUIT ROUTING PLAN - 12TH FLOOR				•			•
E-913.00	CONDUIT ROUTING PLAN - PENTHOUSE FLOOR				•			•
E-914.00	CONDUIT ROUTING PLAN - ROOF				•			•
FIRE PROTECTION								
FP-101.00	FIRE PROTECTION COVER SHEET		•	•	•			•

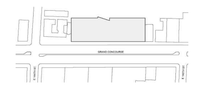
SHEET#	DRAWING TITLE	50% DD PROGRESS SET - 03.24.2025	65% DD ISSUANCE - 04.04.2025	DD ISSUANCE - 05.02.2025	50% CD ISSUANCE - 08.15.2025	DOB NB ISSUANCE - 09.22.2025	DOB BN ISSUANCE - 09.19.2025	DOB EN ISSUANCE - 11.07.2025
FP-300.00	FIRE PROTECTION PLAN - CELLAR		•	•	•			•
FP-301.00	FIRE PROTECTION PLAN - 1ST FLOOR		•	•	•			•
FP-302.00	FIRE PROTECTION PLAN - 2ND FLOOR		•	•	•			•
FP-303.00	FIRE PROTECTION PLAN - 3RD-6TH FLOOR		•	•	•			•
FP-307.00	FIRE PROTECTION PLAN - 7RD-9TH FLOOR		•	•	•			•
FP-310.00	FIRE PROTECTION PLAN - 10TH-11TH FLOOR		•	•	•			•
FP-312.00	FIRE PROTECTION PLAN - 12TH FLOOR		•	•	•			•
FP-313.00	FIRE PROTECTION PLAN - PENTHOUSE FLOOR		•	•	•			•
FP-314.00	FIRE PROTECTION PLAN - ROOF		•	•	•			•
FP-501.00	FIRE PROTECTION RISER DIAGRAM		•	•	•			•
FP-601.00	FIRE PROTECTION SCHEDULES		•	•	•			•
FP-701.00	FIRE PROTECTION DETAILS		•	•	•			•
FIRE ALARM								
FA-101.00	FIRE ALARM COVER SHEET		•	•	•			•
FA-300.00	FIRE ALARM PLAN - CELLAR		•	•	•			•
FA-301.00	FIRE ALARM PLAN - 1ST FLOOR		•	•	•			•
FA-302.00	FIRE ALARM PLAN - 2ND FLOOR		•	•	•			•
FA-303.00	FIRE ALARM PLAN - 3RD-6TH FLOOR		•	•	•			•
FA-307.00	FIRE ALARM PLAN - 7RD-9TH FLOOR		•	•	•			•
FA-310.00	FIRE ALARM PLAN - 10TH-11TH FLOOR		•	•	•			•
FA-312.00	FIRE ALARM PLAN - 12TH FLOOR		•	•	•			•
FA-313.00	FIRE ALARM PLAN - PENTHOUSE FLOOR		•	•	•			•
FA-314.00	FIRE ALARM PLAN - ROOF		•	•	•			•
FA-315.00	FIRE ALARM PLAN - BULKHEAD		•	•	•			•
FA-501.00	FIRE ALARM RISER DIAGRAM		•	•	•			•
TELECOM								
T-101.00	TELECOM COVER SHEET			•	•			•
T-300.00	TELECOM PLAN - CELLAR			•	•			•
T-301.00	TELECOM PLAN - 1ST FLOOR			•	•			•
T-302.00	TELECOM PLAN - 2ND FLOOR			•	•			•
T-303.00	TELECOM PLAN - 3RD-9TH FLOOR			•	•			•
T-310.00	TELECOM PLAN - 10TH-11TH FLOOR			•	•			•
T-312.00	TELECOM PLAN - 12TH FLOOR			•	•			•
T-313.00	TELECOM PLAN - 13TH FLOOR			•	•			•
T-314.00	TELECOM PLAN - ROOF							•
T-351.00	TELECOM PART PLAN - APARTMENTS			•	•			•
T-501.00	TELECOM RISER DIAGRAM		•	•	•			•
T-502.00	TELECOM DETAILS		•	•	•			•
SECURITY SYSTEMS								
SEC-101.00	SECURITY COVER SHEET			•	•			•
SEC-300.00	SECURITY PLAN - CELLAR			•	•			•
SEC-301.00	SECURITY PLAN - 1ST FLOOR			•	•			•
SEC-302.00	SECURITY PLAN - 2ND FLOOR			•	•			•
SEC-303.00	SECURITY PLAN - 3RD-6TH FLOOR			•	•			•
SEC-310.00	SECURITY PLAN - 10TH-11TH FLOOR			•	•			•
SEC-312.00	SECURITY PLAN - 12TH FLOOR			•	•			•
S

	ZR SECTION	SUBJECT	SUMMARY/ DESCRIPTION	REQUIRED/ PERMITTED	PROPOSED	COMPLIANCE / NOTES	DWG REFERENCE
	GENERAL						
GENERAL		NYC TAX MAP	TAX BLOCK	2341		COMPLIES	Z-001
			TAX LOT	42		COMPLIES	Z-001
		ADDRESS	350 GRAND CONCOURSE, BRONX NY 10451			COMPLIES	Z-001
		CITY OF NEW YORK	COMMUNITY DISTRICT	BRONX CB 1		COMPLIES	
		ZONING DISTRICT	ZR MAP 6A	C6-2A (R8A EQUIV)		COMPLIES	Z-001
		FLOOD ZONE	FLOOD INSURANCE RATE MAPS 3604970083F AND 3604970083G	ZONE X, (NO HAZARD)		COMPLIES	Z-001
			COASTAL ZONE	YES		COMPLIES	
		HISTORIC AND LANDMARKS	HISTORIC DISTRICT/ LANDMARK	NO		COMPLIES	Z-001
	APPENDIX F	INCLUSIONARY HOUSING DESIGNATED AREA	FORMER INCLUSIONARY HOUSING DESIGNATED AREA	NO		COMPLIES	
	APPENDIX I	GREATER TRANSIT ZONE	ENTIRE BRONX COMMUNITY DISTRICT 1 IS IN THE TRANSIT ZONE	YES		COMPLIES	Z-001
			TRANSIT ZONE	OUTER TRANSIT ZONE		COMPLIES	Z-001
				TIER B STREET FRONTAGE		COMPLIES	
	APPENDIX C	ENVIRONMENTAL DESIGNATIONS		HAZARDOUS MATERIALS, NOISE AND AIR QUALITY		COMPLIES	
	63-021	FRESH ZONE	SPECIAL REGULATIONS APPLYING TO FRESH FOOD STORES	YES		COMPLIES	Z-003
	23-12	LOT AREA AND WIDTH	SURVEY DATED 03-11-2025 PREPARED BY CONTROL POINT LLC	31,045	31,045 SF		Z-003
		NYC DOB BIS	EXISTING IMPROVEMENTS	VACANT LAND		COMPLIES	
	USE REGULATIONS						
USE REGULATIONS	32-00, 32-12, 32-16, 32-166 (a)	PERMITTED USE GROUPS		I, II, III, IV, V, VI,VII, VIII, IX, X	II - RESIDENTIAL,VI - RETAIL (GROCERY 4451) PRC A1	COMPLIES	
	32-30	STREET SCAPE REGULATIONS	APPLIES TO ZONING LOTS IN APPENDIX I	TIER B PROVISIONS APPLY	SEE BELOW	COMPLIES	7/Z-003
	32-32	TIER B STREET FRONTAGE	GROUND FLOOR LEVEL STREET FRONATE REQUIREMENTS	32-321 APPLY	SEE BELOW	COMPLIES	
	32-321 (a)(7)	GROUND FLOOR LEVEL USES	OFF STREET PARKING OR LOADING NOT PERMITTED IN QUALIFYING DEPTH WITH EXCEPTIONS	(ii) LOADING BERTH IS ALLOWED WHEN TIER B FRONTAGIG IS THE ONLY FRONTAGE; MAXIMUM 50 FEET	LOADING BERTH PROVIDED; WIDTH 32 FEET 6 INCHES	COMPLIES	2/Z-011
	32-321(b)	TRANSPARENCY REQUIREMENTS (DOES NOT APPLY TO ENTRANCES OR EXITS TO PARKING OR LOADING FACILITIES, TO DOORS ACCESSING EMERGENCY EGRESS STAIRWELLS AND PASSAGEWAYS)	ALONG THE TIER B STREET FRONTAGE OF A GROUND FLOOR LEVEL, STREET WALLS SHALL BE GLAZED WITH TRANSPARENT MATERIALS, WHICH MAY INCLUDE SHOW WINDOWS, TRANSOM WINDOWS, OR GLAZED PORTIONS OF DOORS.	TRANSPARENT MATERIALS ON MIN. 50% OF GROUND FLOOR LEVEL STREET WALL BETWEEN 2' AND 12', OR HEIGHT OF GROUND FLOOR CEILING, WHICHEVER IS HIGHER. MUST START AT 2'-0" ABOVE LEVEL OF ADJOINING SIDEWALK, MIN WIDTH OF 2'-0" 1,112.36 SF GLAZING REQUIRED	MEASURED TO LEVEL OF CEILING, HIGHER THAN 12" 1,960.99 SF PROVIDED > THAN 1,122.36 SF	COMPLIES	3/Z-011
	32-412	ENCLOSURES WITHIN BUILDINGS	PERMITTED USES SHALL BE LOCATED WITHING COMPLETELY ENCLOSED BUILDINGS.	COMMERCIAL USE WITHIN ENCLOSED BUILDING	COMMERCIAL USE IS WITHIN ENCLOSED BUILDING	COMPLIES	Z-004
	32-422	LOCATION OF FLOORS OCCUPIED BY COMMERCIAL USES	COMMERCIAL USES MAY BE LOCATED ON THE SAME FLOOR AS RESIDENTIAL USE	COMMERCIAL AND RESIDENTIAL USES	ACCESS ON CELLAR, 1ST FLOOR AND 2ND FLOOR.	COMPLIES	A-100 - A-102
	32-422 (c)		NO ACCESS BETWEEN SUCH USES ON FLOORS CONTAINING DWELLING UNITS	PROHIBITED COMMERCIAL AND RESIDENTIAL USE	NO ACCESS ON FLOORS 3-13 (PENTHOUSE)	COMPLIES	A-103 - A-109
	32-43 32-43 (a)(b)(c)(d)	LIMITATIONS ON BUSINESS ENTRANCES, SHOW WINDOWS OR SIGNS	SHOW WINDOWS, SERVICE ENTRANCES, ENTRANCES LESS THAN 3'-6" WIDE, WINDOWS, VENTILATORS, FIRE ESCAPES, OTHER REQUIRED APPURTENANCES	SHALL NOT BE LOCATED WITHIN 20 FEET FRONTAGE OF A RESIDENCE DISTRICT	NOT WITHIN 20 FEET OF A RESIDENCE DISTRICT	COMPLIES	Z-001
	ACCESSORY OFF-STREET PARKING						
ACCESSORY OFF-STREET PARKING AND LOADING	36-10	GENERAL PROVISIONS	ACCESSORY OFF-STREET PARKING MAY BE OPEN OR ENCLOSED		ENCLOSED PARKING PROVIDED ON CELLAR FLOOR	COMPLIES	A-100
	36-11		OPEN OR ENCLOSED ACCESSORY PARKING MAY BE PROVIDED FOR ANY ALLOWABLE USE; ACCESSORY OFF-STREET PARKING SHALL NOT BE LOCATED ON ANY ROOF WHICH IS NOT LOCATED IMMEDIATLEY ABOVE A STORY OTHER THAN A BASEMENT.			COMPLIES	A-100
	36-12	MAX SIZE OF FACILITY	MAXIMUM NUMBER OF PERMITTED SPACES	MAX 200 SPACES	60 SPACES PROVIDED	COMPLIES	A-100
	36-21	COMMERCIAL REQUIREMENT	ZR MAP 6A	NONE			
	36-30 25-222	REQUIRED ACCESSORY OFF-STREET PARKING FOR RESIDENCES IN COMMERCIAL DISTRICTS, OUTER TRANSIT ZONE	REQUIREMENT FOR STANDARD RESIDENCES 12 % OF DWELLING UNITS	12% OF 258 DWELLING UNITS = 31 SPACES REQUIRED	60 SPACES PROVIDED	COMPLIES	A-100
			REQUIREMENT FOR AFFORDABLE DWELLING UNITS	NONE			
	25-62 (a) (1), (2)	2/2010+C33	ATTENDED PARKING MIN. 200SF PER SPACE	17,877 SF PROVIDED 17,884/200 = 89 SPACES PERMITTED	ATTENDANT PARKING	COMPLIES	A-100
	25-63	CURB CUTS	CURB CUTS SHALL BE LOCATED MIN. 50 FT FROM INTERSECTION OF ANY TWO STREET LINES.		ADJACENT STREET IS 119 FEET	COMPLIES	7/Z-003
	25-631(d)	WIDTH OF ACCESSORY PARKING ACCESS CURB CUTS	MAX 12 FT WIDE, OR MAX 22 FT WIDE FOR ACCESS TO GROUP PARKING FACILITIES OF 50 OR MORE SPACES	MAX 22 FT WIDE ACCESS TO GROUP PARKING FACILITY	22' WIDE CURB CUT PROVIDED AT GROUP PARKING FACILITY OF 50 OR MORE SPACES	COMPLIES	7/Z-003
	36-62	LOADING, LRC-B	FIRST 25,000 SQ. FT.: NONE	39,983 SF OF RETAIL REQUIRES 1 LOADING DOCK	1 LOADING DOCK WITH 2 BERTHS PROVIDED	COMPLIES	Z-004, 6/Z-010, 7/Z-010
			NEXT 15,000 SQ. FT.: 1				
			NEXT 60,000 SQ. FT.: 1				
			EACH ADDITIONAL 150,000 SQ. FT.: 1				
	36-661	MIN. DIMENSION OF LOADING DOCK	37' LONG, 12' WIDE, 14' VERTICAL CLEARANCE		49' 6" LONG, 19' 11" WIDE, 16' 2" VERTICAL CLEARANCE	COMPLIES	1/Z-010
	36-662	LOCATION OF ACCESS	MIN. 50' FROM INTERSECTION OF ANY TWO STREET LINES		NEAREST INTERSECTION IS GREATER THAN 50'	COMPLIES	7/Z-003
	25-83 36-73	REQUIRED BICYCLE PARKING	BICYCLE PARKING SPACES SHALL BE LOCATED ON THE SAME ZONING LOT AS THE PRIMARY USE. ENCLOSED SPACES SHALL BE SECURE, WEATHER-PROTECTED, AND CLEARLY IDENTIFIED AS BICYCLE PARKING OUTSIDE ANY LOCKED DOOR.		BICYCLE PARKING SPACES ARE LOCATED ON THE SAME ZONING LOT AND WITHIN AN ENCLOSED CELLAR; SIGNAGE IS PROVIDED OUTSIDE THE BIKE ROOM DOOR.	COMPLIES	
	25-85		EXCLUSION OF UP TO 15 SQ.FT PER REQUIRED BICYCLE SPACE FROM ZONING FLOOR AREA CALCULATION		BICYCLE PARKING IS LOCATED IN THE CELLAR, THEREFORE NOT INCLUDED IN ZONING FLOOR AREA CALCULATION		
	36-711		REQUIREMENT FOR MULTIFAMILY: 1 PER 2 DU	304 DU / 2 — 152 SPACES REQUIRED	152 SPACES PROVIDED LOCATED IN THE RESIDENTIAL BIKE ROOM	COMPLIES	
			REQUIREMENT FOR COMMERCIAL: 1 PER 10,000 SF	39,985SF / 10,000SF — 4 SPACES REQUIRED	5 SPACES PROVIDED LOCATED IN THE PARKING GARAGE	COMPLIES	

	ZR SECTION	SUBJECT	SUMMARY/ DESCRIPTION	REQUIRED/ PERMITTED	PROPOSED	COMPLIANCE / NOTES	
	FRESH FOOD STORE ZONING AREA (ZSF ONLY)						
FRESH FOOD STORE ZONING AREA (ZSF ONLY)	ZR 63-21	FRESH FOOD STORES	WHERE A FRESH FOOD STORE IS PROVIDED ON A ZONING LOT, THE MAXIMUM RESIDENTIAL FLOOR AREA PERMITTED ON THE ZONING LOT SHALL BE INCREASED BY ONE SQUARE FOOT FOR EACH SQUARE FOOT OF FRESH FOOD STORE FLOOR AREA PROVIDED, UP TO 20,000 SQUARE FEET.		20,000.00 SQ.FT.	COMPLIES	
	FRESH FOOD STORE USING AREA (SF ONLY)						
FRESH FOOD STORE USING AREA (SF ONLY)	ZR 63-01	FRESH FOOD STORE	MINIMUM 6,000 SF MUST BE DEDICATED TO THE SALE OF A GENERAL LINE OF FOOD AND NON-FOOD GROCERY PRODUCTS	MIN. 6,000 SQ.FT.	25,876 SQ.FT. PROVIDED (3179.3 + 2652.3 + 5836.6 + 7050.7 + 7157.5)	COMPLIES	
	ZR 63-01 (a)		MINIMUM 25% OF RETAIL AREA FOR GENERAL GROCERY LINE SPACE ALLOCATED TO SALE OF PERISHABLE GOODS	MIN. 6,469 SQ.FT. 25% of (3179.3 + 2652.3 + 5836.6 + 7050.7 + 7157.5)	10,230 SQ.FT. PROVIDED (3179.3 + 7050.7)	COMPLIES	
			MINIMUM 500 SF ALLOCATED TO FRESH PRODUCE	MIN. 500 SQ.FT. FRESH PRODUCE	3,179 SQ.FT. PROVIDED	COMPLIES	
	ZR 63-01 (b)		MINIMUN 35% OF RETAIL AREA ALLOCATED TO SALE OF NON-PERISHABLE FOOD	MIN. 9,057 SQ.FT. 35% of (3179.3 + 2652.3 + 5836.6 + 7050.7 + 7157.5)	12,994 SQ.FT. PROVIDED (5836.6 + 7157.5)	COMPLIES	
	ZR 63-01 (c)		MINIMUM RETAIL SPACE ON ONE STORY	MIN 6,000 SF	18,719 SQ.FT. PROVIDED ON 1ST FLOOR (3179.3 + 2652.3 + 5836.6 + 7050.7)	COMPLIES	
			NON-RETAIL SPACE		15,164 SQ.FT. (3957.2 + 11207.0)		
			NON-FOOD RETAIL SPACE		2,652 SQ.FT.		
			FOOD RETAIL SPACE:		23,224 SQ.FT. (3179.3 + 5836.6 + 7050.7 + 7157.5)		
			TOTAL FRESH STORE:		41,041 SQ.FT.		
	ZR 63-12	SPECIAL SIGN REGULATIONS	SIGN LOCATION MOUNTED ON AN EXTERIOR BUILDING WALL ADJACENT TO AND NO MORE THAN FIVE FEET FROM THE PRINCIPAL ENTRANCE OF THE FRESH FOOD STORE AND DIRECTLY VISIBLE WITHOUT ANY OBSTRUCTION TO CUSTOMER ENTERING THE FRESH FOOD STORE.	MAX 5'	1'-3"	COMPLIES	
			MOUNTING HEIGHT NO LESS THAN 3' AND NO MORE THAN 5' ABOVE ADJOINING GRADE	MIN 3', MAX 5'	4'-0"	COMPLIES	
			SIGN DIMENSION FRESH FOOD SYMBOL SHALL BE NO LESS THAN 12 INCHES AND NO MORE THAN 16 INCHES BY 16 INCHES	12"-16" X 16"	16" X 16"	COMPLIES	
			SIGN MATERIAL FULLY OPAQUE, NON- REFLECTIVE, AND COSTRUCTED OF PERMANENT, HIGHLY DURABLE MATERIAL		PAINTED ALUMINUM	COMPLIES	
	ZR 63-23 ZR 37-34	SPECIAL TRANSPARENCY REGULATIONS/ TRASPARENCY REQUIREMENTS	THE GROUND FLOOR LEVEL FRONTING ON A PRIMARY STREET SHALL BE GLAZED ACCORDING TO SECTION ZR 37-34	GRAND CONCOURSE	GRAND CONCOURSE: 194' - 5 1/4"		
			TRANSPARENT MATERIALS SHALL OCCUPY AT LEAST 50% OF THE SURFACE AREA OF THE GROUND FLOOR LEVEL STREET WALL BETWEEN A HEIGHT OF 2 FEET AND 12 FEET, OR THE HEIGHT OF THE GROUND FLOOR CEILING, WHICHEVER IS HIGHER, AS MEASURED FROM THE ADJOINING SIDEWALK, EXCEPT AT ENTRANCES OR EXITS TO PARKING FACILITIES, LOADING BERTHS, SUBWAY STATIONS, OR EMERGENCY EGRESS DOORS.	SURFACE AREA BETWEEN 2' & 12' ABOVE SIDEWALK, OR THE HEIGHT OF THE GROUND FLOOR CEILING: 3,153.89 SF REQUIRED TRANSPARANT MATERIAL 50%: 1,576.95 SF	TOTAL TRANSPARENT MATERIAL AREA PROVIDED: 1,662.72 SF	COMPLIES	

	ZR SECTION	SUBJECT	SUMMARY/ DESCRIPTION	REQUIRED/ PERMITTED		PROPOSED		COMPLIANCE / NOTES	DWG REFERENCE
	BULK REGULATIONS								
BULK REGULATIONS FOR MIXED BUILDINGS IN COMMERCIAL DISTRICTS	35-21	APPLICABILITY OF RESIDENCE DISTRICTS	ARTICLE II, CHAPTER 3 SHALL APPLY TO RESIDENTIAL PORTION OF THE BUILDING						
	35-23, 34-112	RESIDENTIAL BULK	RESIDENTIAL EQUIVALENT FOR C6-2A	**R8A**					
	23-12	LOT AREA AND WIDTH	MINIMUM LOT AREA AND WIDTH FOR MULTI-FAMILY	MIN. LOT AREA	1,700 SF	31,045 SF > 1,700 SF		COMPLIES	Z-003
				MIN. LOT WIDTH	18'	312' > 18'		COMPLIES	Z-003
	35-31 33-122	FAR MAXIMUM FLOOR AREA RATIO SHALL NOT EXCEED THE GREATEST FAR PERMITTED	COMMERCIAL FAR	6.00	186,270 SF	(1.29) 39,983 SF < 186,270 SF		COMPLIES	Z-004
	23-22		RESIDENTIAL FAR STANDARD RESIDENCES	6.02	186,891 SF	(6.02) 186,891SF		COMPLIES	Z-004
			RESIDENTIAL FAR UAP (UAP SITE, UAP ZONING LOT, UAP DEVELOPMENT)	7.20	223,524 SF	(0.96) 29,785 SF			
			FRESH BONUS	0.64	20,000 SF	(0.64) 20,000 SF			
			MAX ALLOWABLE FAR (UAP + FRESH)	7.84	243,524 SF	(7.62) 236,676 SF < 243,524 SF			
	23-23	SPECIAL FLOOR AREA PROVISIONS FOR MULTI-FAMILY	FLOOR SPACE ALLOCATED TO AMENITIES, CORRIDORS, REFUSE STORAGE, ELEVATED ACCESS TO GROUND FLOOR UNITS MAY BE EXEMT FROM FLOOR AREA	DEDUCTIONS TO FLOOR AREA MAY BE TAKEN		DEDUCTIONS AT RESIDENCE TAKEN		COMPLIES	Z-004, Z-006
	23-231	FLOOR AREA PROVOSIONS FOR AMENITIES	FLOOR AREA FOR AMENITY SPACE IS EXEMPT UP TO 5% OF RESIDENTIAL FLOOR AREA,EXCLUDING CIRCULATION SPACE	DEDUCTIONS TO FLOOR AREA MAY BE TAKEN		5,870.9 SF < 9,834 SF		COMPLIES	Z-004, Z-005, Z-006
	23-232 (a) (2)	FLOOR AREA PROVISIONS FOR CORRIDORS	CORRIDOR MAY BE EXEMPT IF MIN 20SF OF DAYLIGHT PROVIDED AND SUCH WINDOWS ARE LOCATED DORECTLY WITHIIN THE CORRIDOR	50% FLOOR AREA DEDUCTION AT CORRIDORS WITH DAYLIGHT MIN 20 SF		THE CORRIDOR ON LEVEL 4 TO LEVEL 13 HAS MIN. 29 SF DAYLIGHTING AND DEDUCTIONS TAKEN		COMPLIES	Z-005, Z-006
	23-232 (a) (1)		CORRIDOR PROVIDES DIRECT ACCESS TO OUTDOOR SPACE ON THE SAME STORY, ACCESSIBLE TO RESIDENTS OF THAT STORY	50% FLOOR AREA DEDUCTION AT CORRIDORS PROVIDES DIRECT ACCESS TO OUTDOOR SPACE ON THE SAME STORY, ACCESSIBLE TO RESIDENTS OF THAT STORY		THE CORRIDOR ON LEVEL 3 PROVIDES DIRECT ACCESS TO OUTDOOR SPACE ON THE SAME STORY, ACCESSIBLE TO RESIDENTS OF THAT STORY		COMPLIES	2/Z-005
	23-233	FLOOR AREA PROVISIONS FOR REFUSE AND DISPOSAL	UP TO 3 SF PER DWELLING UNIT MAY BE EXEMPT FROM FLOOR AREA	3SF x 304 DU =912SF EXEMPT		553 SF EXEMPTION		COMPLIES	Z-004
	23-362	LOT COVERAGE	THE MAXIMUM RESIDENTIAL LOT COVERAGE SHALL BE 80%	80% x 31,045 SF = 24,836 SF		LOT COVERAGE = 24,158 SF		COMPLIES	6/Z-003
	35-631 (b)	STREET WALL LOCATION	MIN. 70 % OF THE AGGREGATE WIDTH OF STREET WALLS SHALL BE LOCATED WITHIN EIGHT FEET OF THE STREET LINE AND SHALL EXTEND TO AT LEAST THE MINIMUM BASE HEIGHT. UP TO 30% OF THE AGGREGATE WIDTH OF STREET WALLS MAY BE RECESSED BEYOND EIGHT FEET OF THE STREET LINE, PROVIDED THAT ANY SUCH RECESSES DEEPER THAN 10 FEET ALONG A WIDE STREET OR 15 FEET ALONG A NARROW STREET ARE LOCATED WITHIN AN OUTER COURT.			100% OF THE STREET WALL LOCATED WITHIN 8 FEET OF THE STREET LINE EXTENDING TO THE MINIMUM BASE HEIGHT		COMPLIES	Z-003
	35-50	MODIFICATION OF YARD REGULATIONS	IF RESIDENTIAL YARD OR REAR YARD REQUIREMENTS DIFFER FROM COMMERCIAL REQUIREMENTS, THE RESIDENTIAL REGULATIONS SHALL APPLY TO THE LOWEST STORY CONTAINING DWELLING UNITS.			RESIDNTIAL YARD REQUIREMENTS APPLIED		COMPLIES	
	35-51, 23-322	FRONT YARD MODIFICATION	NOT REQUIRED			NO FRONT YARD PROVIDED		COMPLIES	Z-003
	35-52/ 23-335 (b)	SIDE YARD MODIFICATION	NOT REQUIRED OR MIN. 5 FT.			NO SIDE YARD PROVIDED		COMPLIES	Z-003
	35-53	REAR YARD MODIFICATION	RESIDENTIAL REAR YARD SHALL BE PROVIDED AT THE LOWEST STORY CONTAINING DWELLING UNITS. PARAPETS, DECKS, ROOF THICKNESS SHALL BE PERMITTED OBSTRUCTIONS			REAR YARD REQUIREMENTS PROVIDED AT 3RD FLOOR		COMPLIES	Z-003
	33-26	REAR YARD REQUIREMENTS	COMMERCIAL	MIN. 20 FT.		PERMITTED OBSTRUCTIONS - ANY USE OTHER THAN RESIDENTIAL		COMPLIES	7/Z-003
	23-342 (a) (1)		RESIDENTIAL BELOW 75'	MIN. 20 FT.		SETBACK = 20' BELOW 75' HEIGHT		COMPLIES	7/Z-003
			RESIDENTIAL ABOVE 75'	MIN. 30 FT.		SETBACK = 30' ABOVE 75' HEIGHT		COMPLIES	7/Z-003
	35-24 (a) (1)	HEIGHT AND SETBACK	23-43 APPLIES, MODIFIED BY 35-60			23-43 APPLIES, MODIFIED BY 35-60		COMPLIES	7/Z-003
	35-63	MODIFICATION OF HEIGHT AND SETBACK	HEIGHT SHALL BE MEASURED FROM BASE PLANE			HEIGHT IS MEASURED FROM BASEPLANE		COMPLIES	7/Z-003
	35-632 (a) 23-432	MAX. HEIGHT AND SETBACK	MIN BASE HEIGHT	60 FT.		BASE HIGHT = 103'8"		COMPLIES	Z-003
			MAX BASE HEIGHT, STANDARD RESIDENCES	95 FT.					
			MAX BASE HEIGHT, AFFORDABLE RESIDENCES	105 FT.					
			MAX. BUILDING HEIGHT, STANDARD RESIDENCES	125 FT		BUILDING HEIGHT = 145 FEET		COMPLIES	Z-003
			MAX. BUILDING HEIGHT, AFFORDABLE RESIDENCES	145 FT					
	23-433	STANDARD SETBACK REGULATIONS	WIDE STREET	10 FT		SETBACK IS 10 FEET MAX.		COMPLIES	7/Z-003
	23-433 (d)	DORMERS	DORMERS PER 23-413 MAY PENETRATE THE SETBACK AREA					COMPLIES	Z-003
	35-61	PERMITTED OBSTRUCTIONS	23-412 APPLIES FOR PERMITTED OBSTRUCTIONS 23-413 (b) FOR DORMERS			SEE BELOW 23-413		COMPLIES	Z-003
	23-412		ELEVATOR AND STAIR BULKHEAD, SHAFTS, VESTIBULES, MECHANICAL EQUIPMENT AND SCREENS MUST BE LOCATED BETWEEN 10FT AND 20FT FROM STREET WALL, UNLESS AGGREGATE WIDTH OF ELEVATOR AND STAIR BULKHEAD WALLS FACING THE STREET WALL DOES NOT EXCEED 30% OF STREET WALL WIDTH	AGGREGATE WIDTH OF BULKHEADS WALLS DOES SHALL NOT EXCEED 30% OF THE STREETWALL WIDTH		AGGREGATE WIDTH OF BULKHEADS WALLS IS 21.4%		COMPLIES	2/Z-010
	23-411 (f)	PARAPETS, RAILINGS	(1) PARAPETS	MAX 4 FT. HIGH		PARAPETS ARE NO MORE THAN 4 FEET		COMPLIES	1/Z-003
			(2) RAILINGS	MAX. 4 FEET 6 INCHES HIGH, MIN 50 % OPEN ABOVE 4FT HIGH		RAILINGS ARE NO MORE THAN 4 FOOT 6 INCHES IN HEIGHT AND ARE 50 % OPEN		COMPLIES	2/Z-003
	23-413 (b)(1)(i)	DORMERS	AGGREGATE WIDTH OF DORMER AT MAX BASE HIGHT MAY NOT EXCEED 60% OF STREET WALL WIDTH. DORMER WIDTH MUST BE DECREASED BY 1% OF THE STREET WALL WIDTH FOR EACH FOOT IN HEIGHT ABOVE MAX BASE HEIGHT.	STREET WALL WIDTH	311 FT. 11 IN.			COMPLIES	4/Z-003, 6/Z-003
			60% OF STREET WALL WIDTH	311 FT. 11 IN. x 60% = 187 FT. 2 IN.				COMPLIES	
			DORMER A HEIGHT ABOVE MAX BASE HEIGHT: 20 FT. MAX DORMER WIDTH: 187 FT. 2 IN. - 19%	151 IN -7 FT	PERMITTED	DORMER A WIDTH: 125 FT. 6 IN.		COMPLIES	
			DORMER B HEIGHT ABOVE MAX BASE HEIGHT: 40 FT. MAX DORMER WIDTH: 187 FT. 2 IN. - 40%	112 IN -4 FT	PERMITTED	DORMER B WIDTH: 53 FT. 2 IN.		COMPLIES	
	35-40, 23-50	APPLICABILITY OF DENSITY REGULATIONS	MAX. PERMITTED RESIDENTIAL FLOOR AREA DIVIDED BY DENSITY FACTOR (680)	MAX ALLOWED FLOOR AREA 236,676SF / 680 = 348 DU		304 DU PROVIDED		COMPLIES	
	26-41 (a) (b)	STREET TREE PLANTING	STREET TREES SHALL BE PROVIDED IN ACCORDANCE WITH 26-41	STREET TREES PROVIDED EVERY 25 FEET WITH EXCEPTIONS TO LOCATIONS THAT ARE NOT FEASABLE		SIX TREES PROVIDED REMAINDER OF REQUIRED TREES TO BE PAID INTO FUND		COMPLIES	Z-003; ST-1
	23-63	REQUIRED RECREATION SPACE IN MULTI-FAMILY BUILDINGS	MIN. 3% OF THE RESIDENTIAL FLOOR AREA SHALL BE RECREATION SPACE. INDOOR FLOOR AREA MAY BE EXEMPT FROM FLOOR AREA, PER 23-231.	RESIDENTIAL FLOOR AREA: 199,692 SF x 3% = MIN. RECREATION SPACE: 5,990 SF		RECREATION SPACE PROVIDED IS 6,312 SF		COMPLIES	Z-004
	23-63 (a)		ALL RECREATION SPACE MUST BE ACCESSIBLE TO THE RESIDENTS			ALL RECREATION SPACE IS ACCESSIBLE TO RESIDENTS		COMPLIES	
	23-63 (b)		MIN. DIMENSION OF RECREATION SPACE IN ANY DIRECTION SHALL BE 15FT.			RECREATION SPACE IS 15 FEET OR GREATER		COMPLIES	
	23-63 (c)		ANY OUTDOOR RECREATION SPACE SHALL BE OPEN TO THE SKY			OUTDOOR SPACE IS OPEN TO THE SKY		COMPLIES	A-102, A-103, A-108
	23-63 (d)		INDOOR RECREATION ROOM SHALL HAVE AT LEAST ONE EXTERIOR WALL WITH WINDOWS, (OR SKYLIGHT) MIN. 9.5% OF THE TOTAL FLOOR SPACE OF THE ROOM.			INDOOR ROOMS HAVE AT LEAST ONE EXTERIOR WALL WITH GLAZING OF MORE THAN 9.5% OF THE TOTAL FLOOR SPACE		COMPLIES	3/Z-010, 4/Z-010
	SPECIAL URBAN DESIGN REGULATIONS								
URBAN DESIGN GUIDE-LINES	26-52 37-22		MECHANICAL EQUIPMENT WHEN LOCATED ON A ROOF SHALL BE SCREENED ON ALL SIDES, WHEN SCREENING MATERIAL IS PERFORATED NO MORE THAN 50% OF THE MATERIAL SHALL BE OPEN.			MECHANICAL EQUIPMENT ON ROOVES IS SCREENED ON ALL SIDES WITH MATERIAL NO MORE THAN 50% OPEN		COMPLIES	5/Z-010
	ADMINISTRATION OF AFFORDABLE HOUSING								
AFFORD-ABLE HOUSING	27-14	METHODS OF PROVIDING AFFORDABILITY				UAP DEVEOPMENT PROVIDED ON THE UAP ZONING LOT. DEVELOPMENT IS A UAP SITE.			Z-004

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREEET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

ZONING COMPLIANCE

SCALE: PAGE: 4 OF 75

Z-002.00

DOB SCAN STICKER

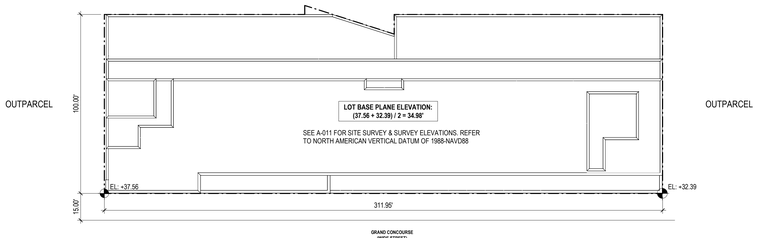
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

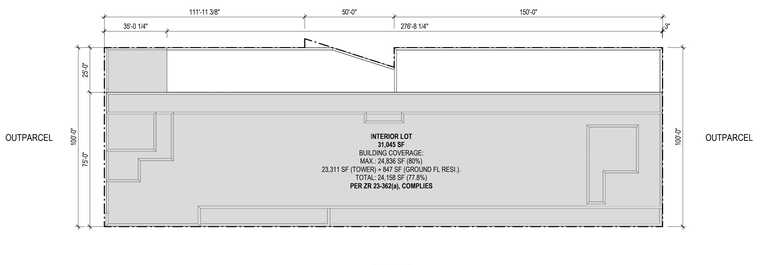
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

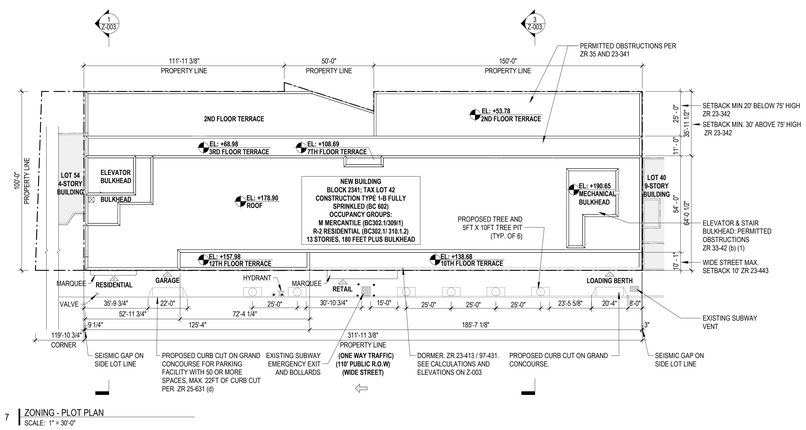
11/7/2025 7:28:20 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



5 BASE PLANE FLOOR CALCULATION
SCALE: 1" = 30'-0"



6 LOT COVERAGE AND REAR YARD
SCALE: 1" = 30'-0"



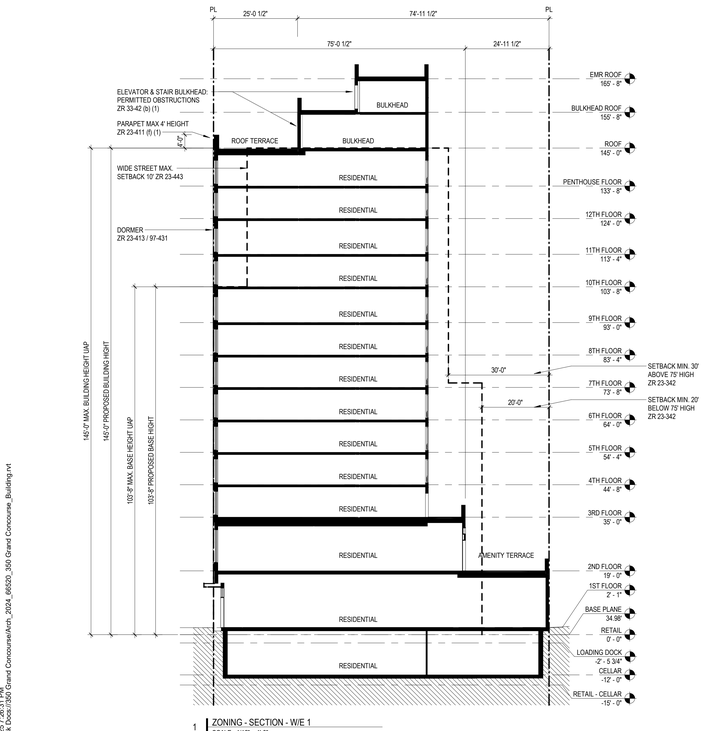
7 ZONING - PLOT PLAN
SCALE: 1" = 30'-0"

DORMER CALCULATION:
GRAND CONCOURSE STREET
STREET WALL: 311-11"
DORMER MAX. 60% @ 105'-0"
311-11" * 0.6 = 187'-2"
1% DECREASE FOR EVERY FOOT ABOVE 105'-0"
125' - 105' * 1% = 19%
145' - 105' * 1% = 40%

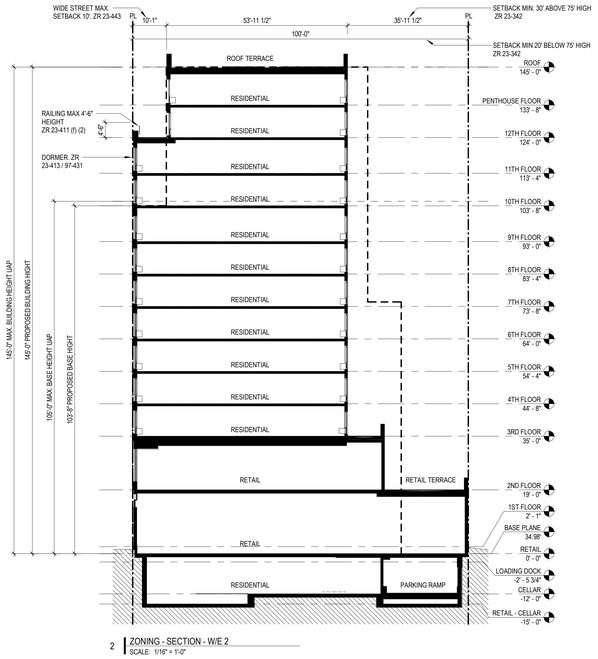
DORMER A (LEVEL 10 - 11)
ALLOWED 187'-2" - 19% = 151'-7"
PROVIDED = 125'-6" (COMPLIES)

DORMER B (LEVEL 12 - 13)
ALLOWED 187'-2" - 40% = 112'-4"
PROVIDED = 53-2" (COMPLIES)

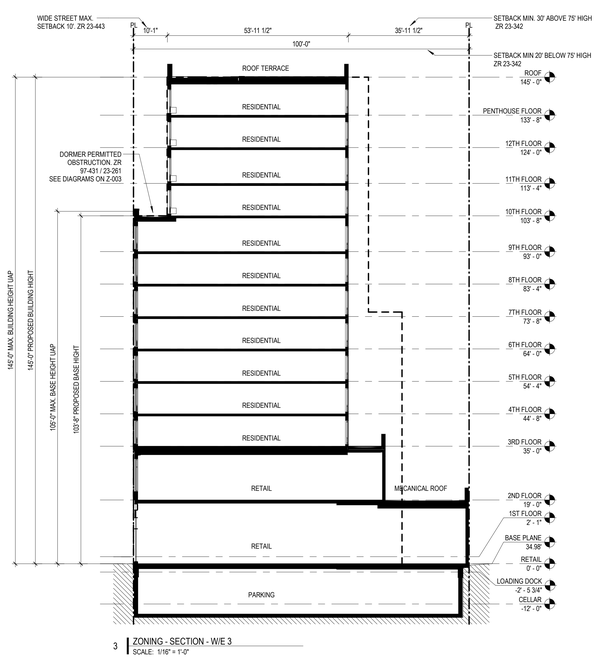
4 ZONING ELEVATION SOUTH
SCALE: 1/16" = 1'-0"



1 ZONING - SECTION - W/E 1
SCALE: 1/16" = 1'-0"

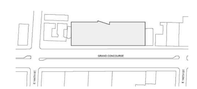


2 ZONING - SECTION - W/E 2
SCALE: 1/16" = 1'-0"



3 ZONING - SECTION - W/E 3
SCALE: 1/16" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	06.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012129259-I1

DRAWING TITLE:
ZONING DIAGRAMS

SCALE: As indicated PAGE: 5 OF 75

Z-003.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 7:28:31 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

MAXIMUM ALLOWABLE FLOOR AREA		
LOT AREA		31,045.00 SF
COMMERCIAL	6.00	186,270.00 SF
RESIDENTIAL (STANDARD)	6.02	186,890.90 SF
RESIDENTIAL (UAP)	7.20	223,524.00 SF
FRESH BONUS	0.64	20,000.00 SF
MAX ALLOWABLE FAR (UAP + FRESH)	**7.84**	**243,524.00 SF**

PROPOSED FAR		
PROPOSED RESIDENTIAL	6.34	196,692.60 SF
PROPOSED COMMERCIAL	1.29	39,983.30 SF
PROPOSED TOTAL FAR	**7.62**	**236,675.90 SF**

MAXIMUM PROPOSED FLOOR AREA CALCULATION		
MAXIMUM STANDARD	6.02	186,890.90 SF
UAP REQUIRED	0.96	29,785.00 SF
MAXIMUM WITH UAP	6.98	216,675.90 SF
FRESH BONUS	0.64	20,000.00 SF
PROPOSED MAXIMUM FAR (UAP + FRESH)	**7.62**	**236,675.90 SF**

AFFORDABLE FLOOR AREA CALCULATION	
LI + { LI / (LI + MR) x [RFA - (LI + MR) - CA] } = AFA	
LI =	23,501.20 SF
MR =	131,623.81 SF
RFA* =	196,692.60 SF
CA =	0.00 SF
AFA =	**29,798.63 SF**

RESIDENTIAL FLOOR AREA SUMMARY

GROSS FLOOR AREA			ZONING FLOOR AREA DEDUCTIONS									RESI ZFA
LEVEL	GROSS FLOOR AREA ALL USES	GSF RESIDENTIAL	CELLAR	EXTERIOR	BOH/MEP	PARKING/ LOADING	CORRIDOR (50% SF)	BIKE STORAGE	REFUSE ROOM	RECREATIONAL SPACE	TOTAL DEDUCTIONS SF	TOTAL ZONING FLOOR AREA
ROOF	17,196.9 SF	17,196.9 SF	0 SF	7,457.4 SF	8,633.8 SF	0 SF	0 SF	0 SF	46.1 SF	0 SF	16,137.3 SF	1,059.7 SF
PENTHOUSE FLOOR	17,198.3 SF	17,198.3 SF	0 SF	0 SF	558.1 SF	0 SF	841.2 SF	0 SF	46.1 SF	1,519.2 SF	2,964.6 SF	14,233.7 SF
12TH FLOOR	17,929.8 SF	17,929.8 SF	0 SF	723.5 SF	587.5 SF	0 SF	841.2 SF	0 SF	46.1 SF	0 SF	2,198.3 SF	15,731.5 SF
11TH FLOOR	17,913.5 SF	17,913.5 SF	0 SF	0 SF	572 SF	0 SF	841.2 SF	0 SF	46.1 SF	0 SF	1,459.2 SF	16,454.3 SF
10TH FLOOR	19,784.9 SF	19,784.9 SF	0 SF	1,871.4 SF	572 SF	0 SF	841.2 SF	0 SF	46.1 SF	0 SF	3,330.7 SF	16,454.3 SF
9TH FLOOR	19,785.2 SF	19,785.2 SF	0 SF	0 SF	618.4 SF	0 SF	841.2 SF	0 SF	46.1 SF	0 SF	1,505.6 SF	18,279.5 SF
8TH FLOOR	19,785.2 SF	19,785.2 SF	0 SF	0 SF	618.4 SF	0 SF	841.2 SF	0 SF	46.1 SF	0 SF	1,505.6 SF	18,279.5 SF
7TH FLOOR	19,883.9 SF	19,883.9 SF	0 SF	98.8 SF	618.4 SF	0 SF	841.2 SF	0 SF	46.1 SF	0 SF	1,604.4 SF	18,279.5 SF
6TH FLOOR	19,883.9 SF	19,883.9 SF	0 SF	0 SF	618.7 SF	0 SF	841.2 SF	0 SF	46.1 SF	0 SF	1,505.9 SF	18,378 SF
5TH FLOOR	19,883.9 SF	19,883.9 SF	0 SF	0 SF	618.7 SF	0 SF	841.2 SF	0 SF	46.1 SF	0 SF	1,505.9 SF	18,378 SF
4TH FLOOR	19,883.9 SF	19,883.9 SF	0 SF	0 SF	618.7 SF	0 SF	841.2 SF	0 SF	46.1 SF	0 SF	1,505.9 SF	18,378 SF
3RD FLOOR	23,304.2 SF	23,304.2 SF	0 SF	3,420.3 SF	618.7 SF	0 SF	841.2 SF	0 SF	46.1 SF	0 SF	4,926.2 SF	18,378 SF
2ND FLOOR	30,423.9 SF	6,094.8 SF	0 SF	1,589.3 SF	67.6 SF	0 SF	210.3 SF	0 SF	0 SF	3,628.3 SF	5,495.6 SF	599.3 SF
1ST FLOOR	29,869.3 SF	6,315.9 SF	0 SF	0 SF	82.3 SF	2,457.4 SF	0 SF	0 SF	0 SF	0 SF	2,539.8 SF	3,776.1 SF
CELLAR	28,675.7 SF	28,675.7 SF	4,405.1 SF	0 SF	2,391.7 SF	19,456.1 SF	0 SF	1,699.4 SF	0 SF	723.4 SF	28,675.7 SF	0 SF
TOTAL RESIDENTIAL		273,520.1 SF	4,405.1 SF	15,160.7 SF	17,794.8 SF	21,913.5 SF	9,463.5 SF	1,699.4 SF	552.7 SF	5,870.9 SF	76,860.7 SF	196,659.4 SF

COMMERCIAL FLOOR AREA SUMMARY

GROSS FLOOR AREA			ZONING FLOOR AREA DEDUCTIONS									COMMERCIAL ZFA
LEVEL	GROSS FLOOR AREA ALL USES	GSF COMMERCIAL	CELLAR	EXTERIOR	BOH/MEP	PARKING/ LOADING	CORRIDOR (50% SF)	BIKE STORAGE	REFUSE ROOM	RECREATIONAL SPACE	TOTAL DEDUCTIONS SF	TOTAL ZONING FLOOR AREA
2ND FLOOR	30,423.9 SF	24,329 SF	0 SF	5,954 SF	0 SF	0 SF	0 SF	0 SF	0 SF	0 SF	5,954 SF	18,375 SF
1ST FLOOR	29,869.3 SF	23,553.4 SF	0 SF	0 SF	0 SF	1,958 SF	0 SF	0 SF	0 SF	0 SF	1,958 SF	21,595.4 SF
TOTAL COMMERCIAL		47,882.4 SF	0 SF	5,954 SF	0 SF	1,958 SF	0 SF	0 SF	0 SF	0 SF	7,912 SF	39,970.4 SF

TOTAL GSF
321,402.5 SF

TOTAL ZFA
236,629.8 SF

GSF - 1ST FLOOR		
GSF RESIDENTIAL	GSF COMMERCIAL	GROSS FLOOR AREA
6,316 SF	23,553 SF	29,869 SF

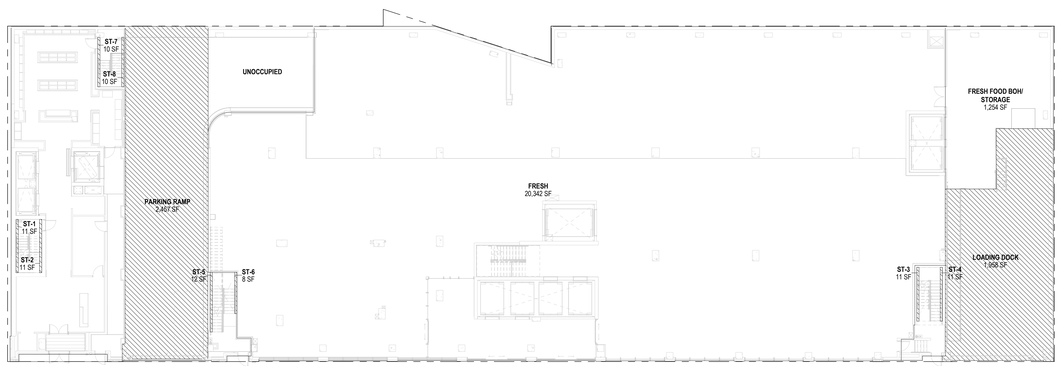
ZONING DEDUCTIONS - 1ST FLOOR	
AREA	TOTAL DEDUCTIONS SF
LOADING DOCK - PARKING	1,958 SF
PARKING RAMP - PARKING	2,457 SF
ST-1 - BOH/MEP	11 SF
ST-2 - BOH/MEP	11 SF
ST-3 - BOH/MEP	11 SF
ST-4 - BOH/MEP	11 SF
ST-5 - BOH/MEP	12 SF
ST-6 - BOH/MEP	8 SF
ST-7 - BOH/MEP	10 SF
ST-8 - BOH/MEP	10 SF
GRAND TOTAL: 10	4,498 SF

GSF - CELLAR FLOOR		
GSF RESIDENTIAL	GSF COMMERCIAL	GROSS FLOOR AREA
28,676 SF	0 SF	28,676 SF

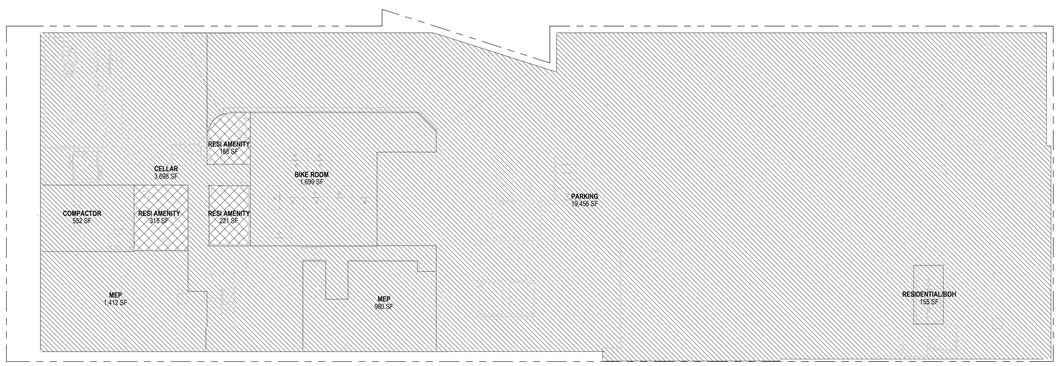
ZONING DEDUCTIONS - CELLAR FLOOR	
AREA	TOTAL DEDUCTIONS SF
BIKE ROOM - BIKE STORAGE	1,699 SF
CELLAR - CELLAR	0 SF
COMPACTOR - CELLAR	0 SF
MEP - BOH/MEP	980 SF
MEP - BOH/MEP	1,412 SF
PARKING - PARKING	19,456 SF
RESI AMENITY - RECREATIONAL SPACE	315 SF
RESI AMENITY - RECREATIONAL SPACE	221 SF
RESI AMENITY - RECREATIONAL SPACE	188 SF
RESIDENTIAL/BOH - CELLAR	0 SF
GRAND TOTAL: 10	24,271 SF

ZFA PLAN LEGEND

DEDUCTIONS. REFER TO THE TABLE



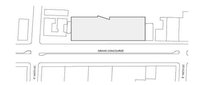
2 1ST ZONING FLOOR AREA PLAN
SCALE: 1/16" = 1'-0"



1 CELLAR ZONING FLOOR AREA PLAN
SCALE: 1/16" = 1'-0"

1/7/2025 7:28:32 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ZONING FLOOR AREA PLANS & CALCULATION

SCALE: As indicated PAGE: 8 OF 83

Z-004.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

GSF - 10TH FLOOR		
GSF RESIDENTIAL	**GSF COMMERCIAL**	**GROSS FLOOR AREA**
19,785 SF	0 SF	19,785 SF

ZONING DEDUCTIONS - 10TH FLOOR	
AREA	TOTAL DEDUCTIONS SF
C1 - 50% CORRIDOR	841 SF
M-1 - BOH/MEP	6 SF
M-2 - BOH/MEP	11 SF
M-3 - REFUSE ROOM	46 SF
M-4 - BOH/MEP	35 SF
M-5 - BOH/MEP	15 SF
M-6 - BOH/MEP	15 SF
M-7 - BOH/MEP	10 SF
M-8 - BOH/MEP	9 SF
M-9 - BOH/MEP	15 SF
M-10 - BOH/MEP	9 SF
M-11 - BOH/MEP	3 SF
M-12 - BOH/MEP	10 SF
M-13 - BOH/MEP	1 SF
M-14 - BOH/MEP	26 SF
M-15 - BOH/MEP	18 SF
M-16 - BOH/MEP	25 SF
M-17 - BOH/MEP	6 SF
M-18 - BOH/MEP	1 SF
M-19 - BOH/MEP	9 SF
M-20 - BOH/MEP	10 SF
M-21 - BOH/MEP	9 SF
M-22 - BOH/MEP	12 SF
M-23 - BOH/MEP	1 SF
M-24 - BOH/MEP	10 SF
M-25 - BOH/MEP	26 SF
M-26 - BOH/MEP	3 SF
M-27 - BOH/MEP	5 SF
M-28 - BOH/MEP	9 SF

ZONING DEDUCTIONS - 10TH FLOOR	
AREA	TOTAL DEDUCTIONS SF
M-29 - BOH/MEP	8 SF
M-30 - BOH/MEP	13 SF
M-31 - BOH/MEP	7 SF
M-32 - BOH/MEP	12 SF
M-33 - BOH/MEP	1 SF
M-34 - BOH/MEP	12 SF
M-35 - BOH/MEP	1 SF
M-36 - BOH/MEP	1 SF
M-37 - BOH/MEP	14 SF
M-38 - BOH/MEP	1 SF
M-39 - BOH/MEP	13 SF
M-40 - BOH/MEP	1 SF
M-41 - BOH/MEP	14 SF
M-42 - BOH/MEP	1 SF
M-43 - BOH/MEP	3 SF
M-44 - BOH/MEP	1 SF
M-45 - BOH/MEP	18 SF
M-46 - BOH/MEP	12 SF
M-47 - BOH/MEP	21 SF
M-48 - BOH/MEP	5 SF
M-49 - BOH/MEP	21 SF
M-50 - BOH/MEP	8 SF
M-51 - BOH/MEP	1 SF
M-52 - BOH/MEP	1 SF
M-53 - BOH/MEP	13 SF
M-54 - BOH/MEP	4 SF
M-54 - BOH/MEP	7 SF
ST-1 - BOH/MEP	11 SF
ST-2 - BOH/MEP	11 SF
ST-3 - BOH/MEP	11 SF
ST-4 - BOH/MEP	11 SF
TERRACE - OUTSIDE AREA	1,871 SF
GRAND TOTAL: 61	3,331 SF

GSF - 11TH FLOOR		
GSF RESIDENTIAL	**GSF COMMERCIAL**	**GROSS FLOOR AREA**
17,914 SF	0 SF	17,914 SF

ZONING DEDUCTIONS - 11TH FLOOR	
AREA	TOTAL DEDUCTIONS SF
C1 - 50% CORRIDOR	841 SF
M-1 - BOH/MEP	6 SF
M-2 - BOH/MEP	11 SF
M-3 - REFUSE ROOM	46 SF
M-4 - BOH/MEP	35 SF
M-5 - BOH/MEP	15 SF
M-6 - BOH/MEP	15 SF
M-7 - BOH/MEP	10 SF
M-8 - BOH/MEP	9 SF
M-9 - BOH/MEP	15 SF
M-10 - BOH/MEP	9 SF
M-11 - BOH/MEP	3 SF
M-12 - BOH/MEP	10 SF
M-13 - BOH/MEP	1 SF
M-14 - BOH/MEP	26 SF
M-15 - BOH/MEP	18 SF
M-16 - BOH/MEP	25 SF
M-17 - BOH/MEP	6 SF
M-18 - BOH/MEP	1 SF
M-19 - BOH/MEP	9 SF
M-20 - BOH/MEP	10 SF
M-21 - BOH/MEP	9 SF
M-22 - BOH/MEP	12 SF
M-23 - BOH/MEP	1 SF
M-24 - BOH/MEP	10 SF
M-25 - BOH/MEP	26 SF
M-26 - BOH/MEP	3 SF
M-27 - BOH/MEP	5 SF

ZONING DEDUCTIONS - 11TH FLOOR	
AREA	TOTAL DEDUCTIONS SF
M-28 - BOH/MEP	9 SF
M-29 - BOH/MEP	8 SF
M-30 - BOH/MEP	13 SF
M-31 - BOH/MEP	7 SF
M-32 - BOH/MEP	3 SF
M-33 - BOH/MEP	12 SF
M-34 - BOH/MEP	1 SF
M-35 - BOH/MEP	12 SF
M-36 - BOH/MEP	1 SF
M-37 - BOH/MEP	14 SF
M-38 - BOH/MEP	1 SF
M-39 - BOH/MEP	13 SF
M-40 - BOH/MEP	1 SF
M-41 - BOH/MEP	14 SF
M-42 - BOH/MEP	1 SF
M-43 - BOH/MEP	3 SF
M-44 - BOH/MEP	1 SF
M-45 - BOH/MEP	18 SF
M-46 - BOH/MEP	12 SF
M-47 - BOH/MEP	21 SF
M-48 - BOH/MEP	5 SF
M-49 - BOH/MEP	21 SF
M-50 - BOH/MEP	8 SF
M-51 - BOH/MEP	1 SF
M-52 - BOH/MEP	1 SF
M-53 - BOH/MEP	13 SF
M-54 - BOH/MEP	4 SF
M-54 - BOH/MEP	7 SF
ST-1 - BOH/MEP	11 SF
ST-2 - BOH/MEP	11 SF
ST-3 - BOH/MEP	11 SF
ST-4 - BOH/MEP	11 SF
GRAND TOTAL: 60	1,459 SF

GSF - 7TH FLOOR		
GSF RESIDENTIAL	**GSF COMMERCIAL**	**GROSS FLOOR AREA**
19,884 SF	0 SF	19,884 SF

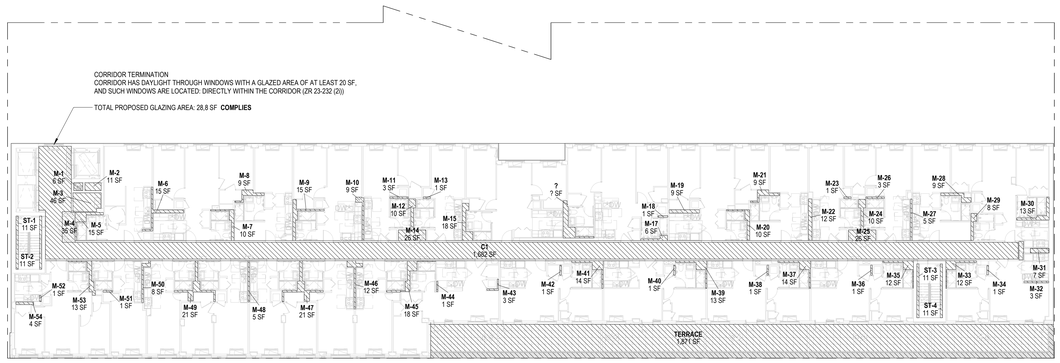
ZONING DEDUCTIONS - 7TH FLOOR	
AREA	TOTAL DEDUCTIONS SF
C1 - 50% CORRIDOR	841 SF
M-1 - BOH/MEP	6 SF
M-2 - BOH/MEP	11 SF
M-3 - REFUSE ROOM	46 SF
M-4 - BOH/MEP	35 SF
M-5 - BOH/MEP	15 SF
M-6 - BOH/MEP	15 SF
M-7 - BOH/MEP	10 SF
M-8 - BOH/MEP	9 SF
M-9 - BOH/MEP	15 SF
M-10 - BOH/MEP	9 SF
M-11 - BOH/MEP	3 SF
M-12 - BOH/MEP	10 SF
M-13 - BOH/MEP	1 SF
M-14 - BOH/MEP	26 SF
M-15 - BOH/MEP	18 SF
M-16 - BOH/MEP	25 SF
M-17 - BOH/MEP	6 SF
M-18 - BOH/MEP	1 SF
M-19 - BOH/MEP	9 SF
M-20 - BOH/MEP	10 SF
M-21 - BOH/MEP	9 SF
M-22 - BOH/MEP	12 SF
M-23 - BOH/MEP	1 SF
M-24 - BOH/MEP	10 SF
M-25 - BOH/MEP	26 SF
M-26 - BOH/MEP	3 SF
M-27 - BOH/MEP	5 SF

ZONING DEDUCTIONS - 7TH FLOOR	
AREA	TOTAL DEDUCTIONS SF
M-28 - BOH/MEP	9 SF
M-29 - BOH/MEP	8 SF
M-30 - BOH/MEP	13 SF
M-31 - BOH/MEP	8 SF
M-32 - BOH/MEP	10 SF
M-33 - BOH/MEP	7 SF
M-34 - BOH/MEP	1 SF
M-35 - BOH/MEP	7 SF
M-36 - BOH/MEP	16 SF
M-37 - BOH/MEP	15 SF
M-38 - BOH/MEP	19 SF
M-39 - BOH/MEP	16 SF
M-40 - BOH/MEP	9 SF
M-41 - BOH/MEP	10 SF
M-42 - BOH/MEP	2 SF
M-43 - BOH/MEP	9 SF
M-44 - BOH/MEP	21 SF
M-45 - BOH/MEP	12 SF
M-46 - BOH/MEP	21 SF
M-47 - BOH/MEP	5 SF
M-48 - BOH/MEP	21 SF
M-49 - BOH/MEP	8 SF
M-50 - BOH/MEP	1 SF
M-51 - BOH/MEP	13 SF
M-52 - BOH/MEP	4 SF
M-53 - BOH/MEP	1 SF
M-54 - BOH/MEP	7 SF
ST-1 - BOH/MEP	11 SF
ST-2 - BOH/MEP	11 SF
ST-3 - BOH/MEP	11 SF
ST-4 - BOH/MEP	11 SF
TERRACE - OUTSIDE AREA	99 SF
GRAND TOTAL: 60	1,604 SF

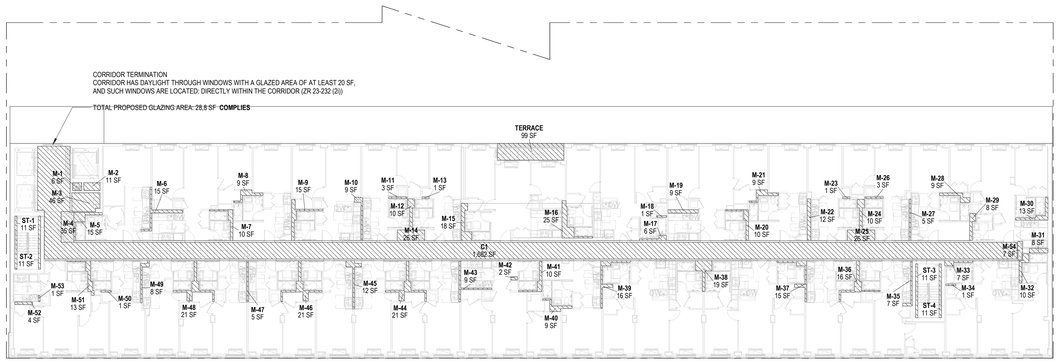
GSF - 8TH - 9TH FLOOR		
GSF RESIDENTIAL	**GSF COMMERCIAL**	**GROSS FLOOR AREA**
17,914 SF	0 SF	17,914 SF

ZONING DEDUCTIONS - 8TH - 9TH FLOOR	
AREA	TOTAL DEDUCTIONS SF
C1 - 50% CORRIDOR	841 SF
M-1 - BOH/MEP	6 SF
M-2 - BOH/MEP	11 SF
M-3 - REFUSE ROOM	46 SF
M-4 - BOH/MEP	35 SF
M-5 - BOH/MEP	15 SF
M-6 - BOH/MEP	15 SF
M-7 - BOH/MEP	10 SF
M-8 - BOH/MEP	9 SF
M-9 - BOH/MEP	15 SF
M-10 - BOH/MEP	9 SF
M-11 - BOH/MEP	3 SF
M-12 - BOH/MEP	10 SF
M-13 - BOH/MEP	1 SF
M-14 - BOH/MEP	26 SF
M-15 - BOH/MEP	18 SF
M-16 - BOH/MEP	25 SF
M-17 - BOH/MEP	6 SF
M-18 - BOH/MEP	1 SF
M-19 - BOH/MEP	9 SF
M-20 - BOH/MEP	10 SF
M-21 - BOH/MEP	9 SF
M-22 - BOH/MEP	12 SF
M-23 - BOH/MEP	1 SF
M-24 - BOH/MEP	10 SF
M-25 - BOH/MEP	26 SF
M-26 - BOH/MEP	3 SF
M-27 - BOH/MEP	5 SF

ZONING DEDUCTIONS - 8TH - 9TH FLOOR	
AREA	TOTAL DEDUCTIONS SF
M-28 - BOH/MEP	9 SF
M-29 - BOH/MEP	8 SF
M-30 - BOH/MEP	13 SF
M-31 - BOH/MEP	8 SF
M-32 - BOH/MEP	10 SF
M-33 - BOH/MEP	7 SF
M-34 - BOH/MEP	1 SF
M-35 - BOH/MEP	7 SF
M-36 - BOH/MEP	16 SF
M-37 - BOH/MEP	15 SF
M-38 - BOH/MEP	19 SF
M-39 - BOH/MEP	16 SF
M-40 - BOH/MEP	9 SF
M-41 - BOH/MEP	10 SF
M-42 - BOH/MEP	2 SF
M-43 - BOH/MEP	9 SF
M-44 - BOH/MEP	21 SF
M-45 - BOH/MEP	12 SF
M-46 - BOH/MEP	21 SF
M-47 - BOH/MEP	5 SF
M-48 - BOH/MEP	21 SF
M-49 - BOH/MEP	8 SF
M-50 - BOH/MEP	1 SF
M-51 - BOH/MEP	13 SF
M-52 - BOH/MEP	4 SF
M-53 - BOH/MEP	1 SF
M-54 - BOH/MEP	7 SF
ST-1 - BOH/MEP	11 SF
ST-2 - BOH/MEP	11 SF
ST-3 - BOH/MEP	11 SF
ST-4 - BOH/MEP	11 SF
GRAND TOTAL: 59	1,506 SF



4 10TH TO 11TH ZONING FLOOR AREA PLAN
SCALE: 1/16" = 1'-0"



3 7RD TO 9TH ZONING FLOOR AREA PLAN
SCALE: 1/16" = 1'-0"

GSF - 3RD FLOOR		
GSF RESIDENTIAL	**GSF COMMERCIAL**	**GROSS FLOOR AREA**
23,304 SF	0 SF	23,304 SF

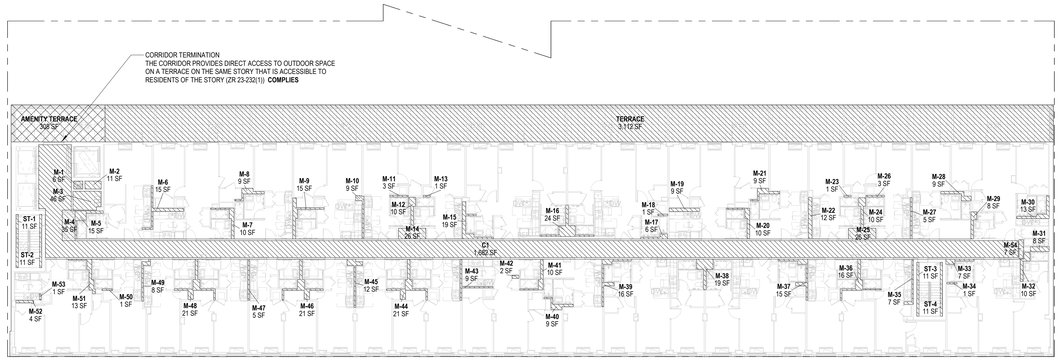
ZONING DEDUCTIONS - 3TH FLOOR	
AREA	TOTAL DEDUCTIONS SF
AMENITY TERRACE - OUTSIDE AREA	308 SF
C1 - 50% CORRIDOR	841 SF
M-1 - BOH/MEP	6 SF
M-2 - BOH/MEP	11 SF
M-3 - REFUSE ROOM	46 SF
M-4 - BOH/MEP	35 SF
M-5 - BOH/MEP	15 SF
M-6 - BOH/MEP	15 SF
M-7 - BOH/MEP	10 SF
M-8 - BOH/MEP	9 SF
M-9 - BOH/MEP	15 SF
M-10 - BOH/MEP	9 SF
M-11 - BOH/MEP	3 SF
M-12 - BOH/MEP	10 SF
M-13 - BOH/MEP	1 SF
M-14 - BOH/MEP	26 SF
M-15 - BOH/MEP	19 SF
M-16 - BOH/MEP	24 SF
M-17 - BOH/MEP	6 SF
M-18 - BOH/MEP	1 SF
M-19 - BOH/MEP	9 SF
M-20 - BOH/MEP	10 SF
M-21 - BOH/MEP	9 SF
M-22 - BOH/MEP	12 SF
M-23 - BOH/MEP	1 SF
M-24 - BOH/MEP	10 SF
M-25 - BOH/MEP	26 SF
M-26 - BOH/MEP	3 SF

ZONING DEDUCTIONS - 3TH FLOOR	
AREA	TOTAL DEDUCTIONS SF
M-27 - BOH/MEP	5 SF
M-28 - BOH/MEP	9 SF
M-29 - BOH/MEP	8 SF
M-30 - BOH/MEP	13 SF
M-31 - BOH/MEP	8 SF
M-32 - BOH/MEP	10 SF
M-33 - BOH/MEP	7 SF
M-34 - BOH/MEP	1 SF
M-35 - BOH/MEP	7 SF
M-36 - BOH/MEP	16 SF
M-37 - BOH/MEP	15 SF
M-38 - BOH/MEP	19 SF
M-39 - BOH/MEP	16 SF
M-40 - BOH/MEP	9 SF
M-41 - BOH/MEP	10 SF
M-42 - BOH/MEP	2 SF
M-43 - BOH/MEP	9 SF
M-44 - BOH/MEP	21 SF
M-45 - BOH/MEP	12 SF
M-46 - BOH/MEP	21 SF
M-47 - BOH/MEP	5 SF
M-48 - BOH/MEP	21 SF
M-49 - BOH/MEP	8 SF
M-50 - BOH/MEP	1 SF
M-51 - BOH/MEP	13 SF
M-52 - BOH/MEP	4 SF
M-53 - BOH/MEP	1 SF
M-54 - BOH/MEP	7 SF
ST-1 - BOH/MEP	11 SF
ST-2 - BOH/MEP	11 SF
ST-3 - BOH/MEP	11 SF
ST-4 - BOH/MEP	11 SF
TERRACE - OUTSIDE AREA	3,112 SF
GRAND TOTAL: 61	4,926 SF

GSF - 4TH - 6TH FLOOR		
GSF RESIDENTIAL	**GSF COMMERCIAL**	**GROSS FLOOR AREA**
19,884 SF	0 SF	19,884 SF

ZONING DEDUCTIONS - 4TH - 6TH FLOOR	
AREA	TOTAL DEDUCTIONS SF
C1 - 50% CORRIDOR	841 SF
M-1 - BOH/MEP	6 SF
M-2 - BOH/MEP	11 SF
M-3 - REFUSE ROOM	46 SF
M-4 - BOH/MEP	35 SF
M-5 - BOH/MEP	15 SF
M-6 - BOH/MEP	15 SF
M-7 - BOH/MEP	10 SF
M-8 - BOH/MEP	9 SF
M-9 - BOH/MEP	15 SF
M-10 - BOH/MEP	9 SF
M-11 - BOH/MEP	3 SF
M-12 - BOH/MEP	10 SF
M-13 - BOH/MEP	1 SF
M-14 - BOH/MEP	26 SF
M-15 - BOH/MEP	19 SF
M-16 - BOH/MEP	24 SF
M-17 - BOH/MEP	6 SF
M-18 - BOH/MEP	1 SF
M-19 - BOH/MEP	9 SF
M-20 - BOH/MEP	10 SF
M-21 - BOH/MEP	9 SF
M-22 - BOH/MEP	12 SF
M-23 - BOH/MEP	1 SF
M-24 - BOH/MEP	10 SF
M-25 - BOH/MEP	26 SF
M-26 - BOH/MEP	3 SF
M-27 - BOH/MEP	5 SF

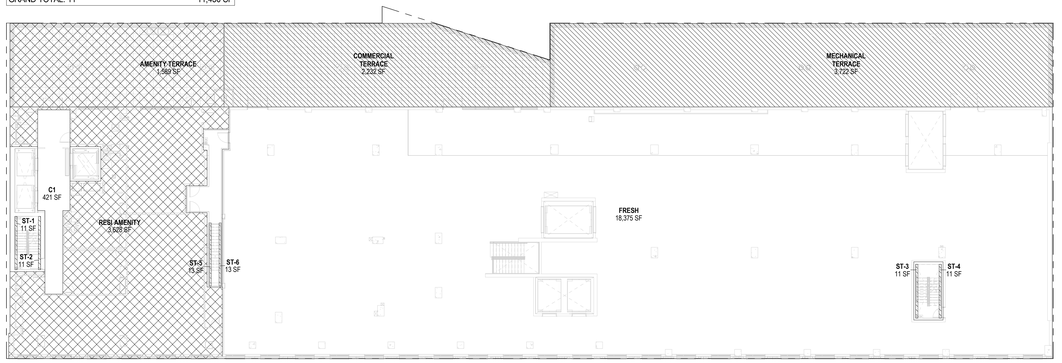
ZONING DEDUCTIONS - 4TH - 6TH FLOOR	
AREA	TOTAL DEDUCTIONS SF
M-28 - BOH/MEP	9 SF
M-29 - BOH/MEP	8 SF
M-30 - BOH/MEP	13 SF
M-31 - BOH/MEP	8 SF
M-32 - BOH/MEP	10 SF
M-33 - BOH/MEP	7 SF
M-34 - BOH/MEP	1 SF
M-35 - BOH/MEP	7 SF
M-36 - BOH/MEP	16 SF
M-37 - BOH/MEP	15 SF
M-38 - BOH/MEP	19 SF
M-39 - BOH/MEP	16 SF
M-40 - BOH/MEP	9 SF
M-41 - BOH/MEP	10 SF
M-42 - BOH/MEP	2 SF
M-43 - BOH/MEP	9 SF
M-44 - BOH/MEP	21 SF
M-45 - BOH/MEP	12 SF
M-46 - BOH/MEP	21 SF
M-47 - BOH/MEP	5 SF
M-48 - BOH/MEP	21 SF
M-49 - BOH/MEP	8 SF
M-50 - BOH/MEP	1 SF
M-51 - BOH/MEP	13 SF
M-52 - BOH/MEP	4 SF
M-53 - BOH/MEP	1 SF
M-54 - BOH/MEP	7 SF
ST-1 - BOH/MEP	11 SF
ST-2 - BOH/MEP	11 SF
ST-3 - BOH/MEP	11 SF
ST-4 - BOH/MEP	11 SF
GRAND TOTAL: 59	1,506 SF



2 3RD TO 6TH ZONING FLOOR AREA PLAN
SCALE: 1/16" = 1'-0"

GSF - 2ND FLOOR		
GSF RESIDENTIAL	**GSF COMMERCIAL**	**GROSS FLOOR AREA**
6,095 SF	24,329 SF	30,424 SF

ZONING DEDUCTIONS - 2ND FLOOR	
AREA	TOTAL DEDUCTIONS SF
AMENITY TERRACE - OUTSIDE AREA	1,589 SF
C1 - 50% CORRIDOR	210 SF
COMMERCIAL TERRACE - OUTSIDE AREA	2,232 SF
MECHANICAL TERRACE - OUTSIDE AREA	3,722 SF
RESI AMENITY - RECREATIONAL SPACE	3,628 SF
ST-1 - BOH/MEP	11 SF
ST-2 - BOH/MEP	11 SF
ST-3 - BOH/MEP	11 SF
ST-4 - BOH/MEP	11 SF
ST-5 - BOH/MEP	13 SF
ST-6 - BOH/MEP	13 SF
GRAND TOTAL: 11	11,450 SF

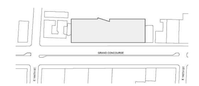


1 2ND ZONING FLOOR AREA PLAN
SCALE: 1/16" = 1'-0"

ZFA PLAN LEGEND

DEDUCTIONS. REFER TO THE TABLE

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 21 FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:
350 GRAND CONCOURSE
350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:
ZONING FLOOR AREA PLANS

SCALE: As indicated PAGE: 9 OF 83

Z-005.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

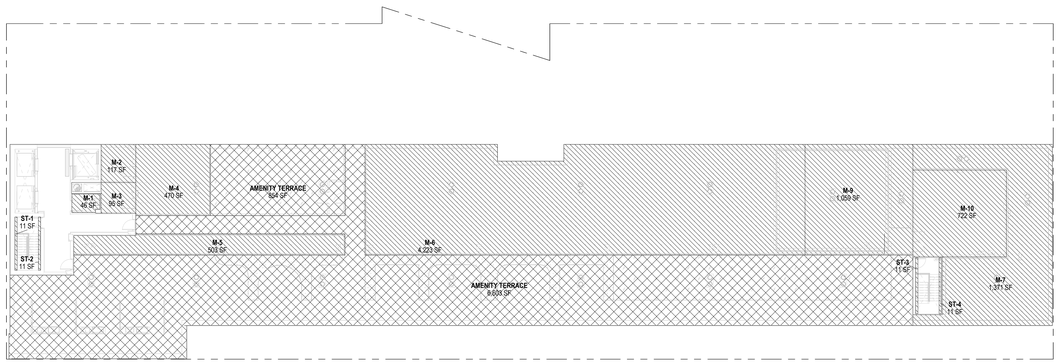
1/7/2025 7:26:36 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

GSF - ROOF		
GSF RESIDENTIAL	**GSF COMMERCIAL**	**GROSS FLOOR AREA**
17,197 SF	0 SF	17,197 SF

ZONING DEDUCTIONS - ROOF FLOOR	
AREA	TOTAL DEDUCTIONS SF
AMENITY TERRACE - OUTSIDE AREA	854 SF
AMENITY TERRACE - OUTSIDE AREA	6,603 SF
M-1 - REFUSE ROOM	46 SF
M-2 - BOH/MEP	117 SF
M-3 - BOH/MEP	95 SF
M-4 - BOH/MEP	470 SF
M-5 - BOH/MEP	503 SF
M-6 - BOH/MEP	4,223 SF
M-7 - BOH/MEP	1,371 SF
M-9 - BOH/MEP	1,059 SF
M-10 - BOH/MEP	722 SF
M-11 - BOH/MEP	30 SF
ST-1 - BOH/MEP	11 SF
ST-2 - BOH/MEP	11 SF
ST-3 - BOH/MEP	11 SF
ST-4 - BOH/MEP	11 SF
GRAND TOTAL: 16	16,137 SF

ZFA PLAN LEGEND

DEDUCTIONS. REFER TO THE TABLE

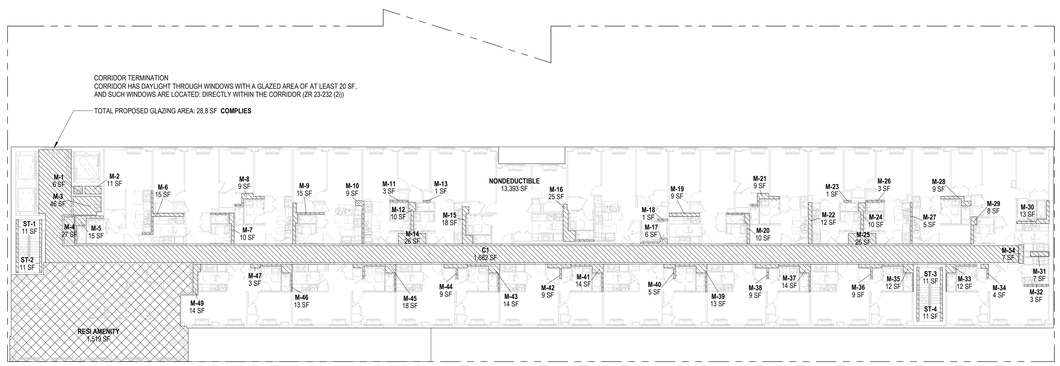


3 ROOF ZONING FLOOR AREA PLAN
SCALE: 1/16" = 1'-0"

GSF - PENTHOUSE FLOOR		
GSF RESIDENTIAL	**GSF COMMERCIAL**	**GROSS FLOOR AREA**
17,198 SF	0 SF	17,198 SF

ZONING DEDUCTIONS - PENTHOUSE FLOOR	
AREA	TOTAL DEDUCTIONS SF
C1 - 50% CORRIDOR	841 SF
M-1 - BOH/MEP	6 SF
M-2 - BOH/MEP	11 SF
M-3 - REFUSE ROOM	46 SF
M-4 - BOH/MEP	27 SF
M-5 - BOH/MEP	15 SF
M-6 - BOH/MEP	15 SF
M-7 - BOH/MEP	10 SF
M-8 - BOH/MEP	9 SF
M-9 - BOH/MEP	15 SF
M-10 - BOH/MEP	9 SF
M-11 - BOH/MEP	3 SF
M-12 - BOH/MEP	10 SF
M-13 - BOH/MEP	1 SF
M-14 - BOH/MEP	26 SF
M-15 - BOH/MEP	18 SF
M-16 - BOH/MEP	25 SF
M-17 - BOH/MEP	6 SF
M-18 - BOH/MEP	1 SF
M-19 - BOH/MEP	9 SF
M-20 - BOH/MEP	10 SF
M-21 - BOH/MEP	9 SF
M-22 - BOH/MEP	12 SF
M-23 - BOH/MEP	1 SF
M-24 - BOH/MEP	10 SF
M-25 - BOH/MEP	26 SF

ZONING DEDUCTIONS - PENTHOUSE FLOOR	
AREA	TOTAL DEDUCTIONS SF
M-26 - BOH/MEP	3 SF
M-27 - BOH/MEP	5 SF
M-28 - BOH/MEP	9 SF
M-29 - BOH/MEP	8 SF
M-30 - BOH/MEP	13 SF
M-31 - BOH/MEP	7 SF
M-32 - BOH/MEP	3 SF
M-33 - BOH/MEP	12 SF
M-34 - BOH/MEP	4 SF
M-35 - BOH/MEP	12 SF
M-36 - BOH/MEP	9 SF
M-37 - BOH/MEP	14 SF
M-38 - BOH/MEP	9 SF
M-39 - BOH/MEP	13 SF
M-40 - BOH/MEP	5 SF
M-41 - BOH/MEP	14 SF
M-42 - BOH/MEP	9 SF
M-43 - BOH/MEP	14 SF
M-44 - BOH/MEP	9 SF
M-45 - BOH/MEP	18 SF
M-46 - BOH/MEP	13 SF
M-47 - BOH/MEP	3 SF
M-49 - BOH/MEP	14 SF
M-54 - BOH/MEP	7 SF
RESI AMENITY - RECREATIONAL SPACE	1,519 SF
ST-1 - BOH/MEP	11 SF
ST-2 - BOH/MEP	11 SF
ST-3 - BOH/MEP	11 SF
ST-4 - BOH/MEP	11 SF
GRAND TOTAL: 55	2,965 SF

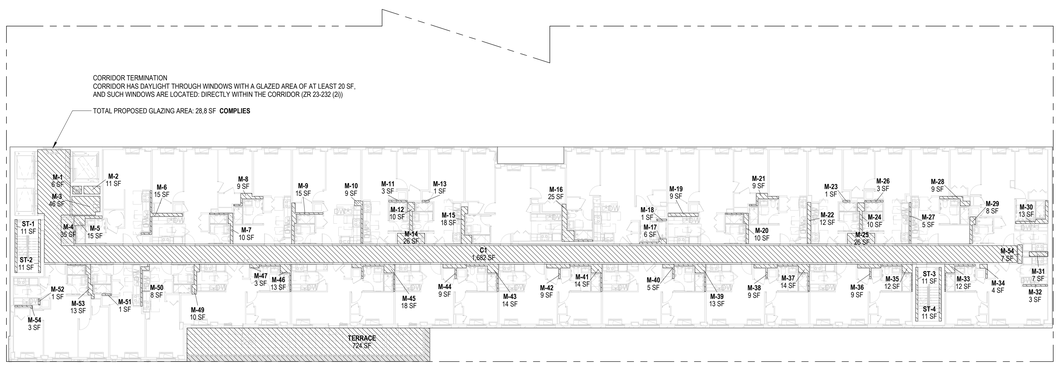


2 PENTHOUSE ZONING FLOOR AREA PLAN
SCALE: 1/16" = 1'-0"

GSF - 12TH FLOOR		
GSF RESIDENTIAL	**GSF COMMERCIAL**	**GROSS FLOOR AREA**
17,930 SF	0 SF	17,930 SF

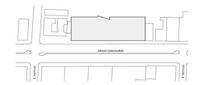
ZONING DEDUCTIONS - 12TH FLOOR	
AREA	TOTAL DEDUCTIONS SF
C1 - 50% CORRIDOR	841 SF
M-1 - BOH/MEP	6 SF
M-2 - BOH/MEP	11 SF
M-3 - REFUSE ROOM	46 SF
M-4 - BOH/MEP	35 SF
M-5 - BOH/MEP	15 SF
M-6 - BOH/MEP	15 SF
M-7 - BOH/MEP	10 SF
M-8 - BOH/MEP	9 SF
M-9 - BOH/MEP	15 SF
M-10 - BOH/MEP	9 SF
M-11 - BOH/MEP	3 SF
M-12 - BOH/MEP	10 SF
M-13 - BOH/MEP	1 SF
M-14 - BOH/MEP	26 SF
M-15 - BOH/MEP	18 SF
M-16 - BOH/MEP	25 SF
M-17 - BOH/MEP	6 SF
M-18 - BOH/MEP	1 SF
M-19 - BOH/MEP	9 SF
M-20 - BOH/MEP	10 SF
M-21 - BOH/MEP	9 SF
M-22 - BOH/MEP	12 SF
M-23 - BOH/MEP	1 SF
M-24 - BOH/MEP	10 SF
M-25 - BOH/MEP	26 SF
M-26 - BOH/MEP	3 SF
M-27 - BOH/MEP	5 SF

ZONING DEDUCTIONS - 12TH FLOOR	
AREA	TOTAL DEDUCTIONS SF
M-28 - BOH/MEP	9 SF
M-29 - BOH/MEP	8 SF
M-30 - BOH/MEP	13 SF
M-31 - BOH/MEP	7 SF
M-32 - BOH/MEP	3 SF
M-33 - BOH/MEP	12 SF
M-34 - BOH/MEP	4 SF
M-35 - BOH/MEP	12 SF
M-36 - BOH/MEP	9 SF
M-37 - BOH/MEP	14 SF
M-38 - BOH/MEP	9 SF
M-39 - BOH/MEP	13 SF
M-40 - BOH/MEP	5 SF
M-41 - BOH/MEP	14 SF
M-42 - BOH/MEP	9 SF
M-43 - BOH/MEP	14 SF
M-44 - BOH/MEP	9 SF
M-45 - BOH/MEP	18 SF
M-46 - BOH/MEP	13 SF
M-47 - BOH/MEP	3 SF
M-49 - BOH/MEP	10 SF
M-50 - BOH/MEP	8 SF
M-51 - BOH/MEP	1 SF
M-52 - BOH/MEP	1 SF
M-53 - BOH/MEP	13 SF
M-54 - BOH/MEP	3 SF
ST-1 - BOH/MEP	11 SF
ST-2 - BOH/MEP	11 SF
ST-3 - BOH/MEP	11 SF
ST-4 - BOH/MEP	11 SF
TERRACE - OUTSIDE AREA	724 SF
GRAND TOTAL: 60	2,198 SF



1 12TH ZONING FLOOR AREA PLAN
SCALE: 1/16" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192591-I1

DRAWING TITLE:

ZONING FLOOR AREA PLANS

SCALE: As indicated PAGE: 9 OF 83

Z-006.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 7:26:38 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

UNIT MIX

UNIT	TYPE	INCOME CAT.	AMI BAND	GROSS AREA	NFS AREA
3RD FLOOR					
301	TYPE 2C	SUPER		769.58 SF	651.58 SF
302	TYPE 0A			507.59 SF	441.11 SF
303	TYPE 0C	UAP	70%	362.56 SF	317.15 SF
304	TYPE 2B			798.66 SF	717.35 SF
305	TYPE 0C			367.18 SF	312.14 SF
306	TYPE 0B			425.11 SF	381.29 SF
307	TYPE 1B			538.36 SF	471.06 SF
308	TYPE 1A			601.9 SF	540.39 SF
309	TYPE 1B			539.36 SF	472.89 SF
310	TYPE 1C			496.53 SF	444.14 SF
311	TYPE 0B			386.59 SF	328.76 SF
312	TYPE 0C			368.07 SF	320.38 SF
313	TYPE 0B			386.11 SF	329.61 SF
314	TYPE 2A			882.7 SF	781 SF
315	TYPE 1B			543.33 SF	475.01 SF
316	TYPE 2A			882.85 SF	784.15 SF
317	TYPE 2B			803.34 SF	705.94 SF
318	TYPE 2B			799.89 SF	718.82 SF
319	TYPE 0B			434.52 SF	378.01 SF
320	TYPE 0B			421.17 SF	381.38 SF
321	TYPE 2A	UAP	40%	887.63 SF	785.02 SF
322	TYPE 0C			369.79 SF	318.07 SF
323	TYPE 2A	UAP	70%	887.74 SF	784.76 SF
324	TYPE 1C			498.73 SF	436.21 SF
325	TYPE 1B			543.12 SF	476.24 SF
326	TYPE 0B			418.42 SF	380.46 SF
327	TYPE 1C	UAP	70%	510.88 SF	423.26 SF
328	TYPE 2A			840.08 SF	700.99 SF
329	TYPE 2A			967.75 SF	814.71 SF
3RD FLOOR: 29					
4TH FLOOR					
401	TYPE 2C	UAP	40%	769.58 SF	651.58 SF
402	TYPE 0A			507.53 SF	441.11 SF
403	TYPE 0C			362.56 SF	317.15 SF
404	TYPE 2B			798.51 SF	717.35 SF
405	TYPE 0C			367.18 SF	312.14 SF
406	TYPE 0B			424.93 SF	381.29 SF
407	TYPE 1B			538.36 SF	471.06 SF
408	TYPE 1A			601.63 SF	540.39 SF
409	TYPE 1B			539.36 SF	472.89 SF
410	TYPE 1C	UAP	70%	496.37 SF	444.14 SF
411	TYPE 0B			386.59 SF	328.76 SF
412	TYPE 0C			367.85 SF	320.38 SF
413	TYPE 0B			386.11 SF	329.61 SF
414	TYPE 2A			882.04 SF	781 SF
415	TYPE 1B			543.33 SF	475.01 SF
416	TYPE 2A			882.04 SF	784.15 SF
417	TYPE 2B			803.34 SF	705.94 SF
418	TYPE 2B			799.14 SF	718.82 SF
419	TYPE 0B			434.52 SF	378.01 SF
420	TYPE 0B	UAP	70%	420.54 SF	381.38 SF
421	TYPE 2A	UAP	70%	887.63 SF	785.02 SF
422	TYPE 0C			369.36 SF	318.07 SF
423	TYPE 2A	UAP	70%	887.74 SF	784.76 SF
424	TYPE 1C			498.31 SF	436.21 SF
425	TYPE 1B	UAP	70%	543.09 SF	476.24 SF
426	TYPE 0B			418.69 SF	380.46 SF
427	TYPE 1C			510.91 SF	423.26 SF
428	TYPE 2A			838.33 SF	700.99 SF
429	TYPE 2A			967.75 SF	814.71 SF
4TH FLOOR: 29					
5TH FLOOR					
501	TYPE 2C	UAP	40%	769.58 SF	651.58 SF
502	TYPE 0A			507.53 SF	441.11 SF
503	TYPE 0C			362.56 SF	317.15 SF
504	TYPE 2B			798.51 SF	717.35 SF
505	TYPE 0C			367.18 SF	312.14 SF
506	TYPE 0B			424.93 SF	381.29 SF
507	TYPE 1B			538.36 SF	471.06 SF
508	TYPE 1A			601.63 SF	540.39 SF
509	TYPE 1B			539.36 SF	472.89 SF
510	TYPE 1C	UAP	40%	496.37 SF	444.14 SF
511	TYPE 0B			386.59 SF	328.76 SF
512	TYPE 0C			367.85 SF	320.38 SF
513	TYPE 0B			386.11 SF	329.61 SF
514	TYPE 2A			882.04 SF	781 SF
515	TYPE 1B			543.33 SF	475.01 SF
516	TYPE 2A			882.04 SF	784.15 SF
517	TYPE 2B			803.34 SF	705.94 SF
518	TYPE 2B			799.14 SF	718.82 SF
519	TYPE 0B			434.52 SF	378.01 SF
520	TYPE 0B	UAP	70%	420.54 SF	381.38 SF
521	TYPE 2A	UAP	70%	887.63 SF	785.02 SF
522	TYPE 0C			369.36 SF	318.07 SF
523	TYPE 2A			887.74 SF	784.76 SF
524	TYPE 1C			498.31 SF	436.21 SF
525	TYPE 1B	UAP	70%	543.09 SF	476.24 SF
526	TYPE 0B			418.69 SF	380.46 SF
527	TYPE 1C			510.91 SF	423.26 SF
528	TYPE 2A			838.33 SF	700.99 SF
529	TYPE 2A			967.75 SF	814.71 SF
5TH FLOOR: 29					

UNIT MIX

UNIT	TYPE	INCOME CAT.	AMI BAND	GROSS AREA	NFS AREA
6TH FLOOR					
601	TYPE 2C			769.58 SF	651.58 SF
602	TYPE 0A			507.53 SF	441.11 SF
603	TYPE 0C			362.56 SF	317.15 SF
604	TYPE 2B			798.51 SF	717.35 SF
605	TYPE 0C			367.18 SF	312.14 SF
606	TYPE 0B			424.93 SF	381.29 SF
607	TYPE 1B			538.36 SF	471.06 SF
608	TYPE 1A			601.63 SF	540.39 SF
609	TYPE 1B			539.36 SF	472.89 SF
610	TYPE 1C			496.37 SF	444.14 SF
611	TYPE 0B			386.59 SF	328.76 SF
612	TYPE 0C			367.85 SF	320.38 SF
613	TYPE 0B			386.11 SF	329.61 SF
614	TYPE 2A			882.04 SF	781 SF
615	TYPE 1B			543.33 SF	475.01 SF
616	TYPE 2A			882.04 SF	784.15 SF
617	TYPE 2B			803.34 SF	705.94 SF
618	TYPE 2B			799.14 SF	718.82 SF
619	TYPE 0B			434.52 SF	378.01 SF
620	TYPE 0B	UAP	70%	420.54 SF	381.38 SF
621	TYPE 2A	UAP	70%	887.63 SF	785.02 SF
622	TYPE 0C	UAP	40%	369.36 SF	318.07 SF
623	TYPE 2A			887.74 SF	784.76 SF
624	TYPE 1C			498.31 SF	436.21 SF
625	TYPE 1B	UAP	70%	543.09 SF	476.24 SF
626	TYPE 0B			418.69 SF	380.46 SF
627	TYPE 1C			510.91 SF	423.26 SF
628	TYPE 2A			838.33 SF	700.99 SF
629	TYPE 2A			967.75 SF	814.71 SF
6TH FLOOR: 29					
7TH FLOOR					
701	TYPE 2C			769.75 SF	651.58 SF
702	TYPE 0A			507.53 SF	441.25 SF
703	TYPE 0C			362.39 SF	317.15 SF
704	TYPE 2B			798.51 SF	717.42 SF
705	TYPE 0C			367.18 SF	312.14 SF
706	TYPE 0B			424.93 SF	381.33 SF
707	TYPE 1B			538.36 SF	471.06 SF
708	TYPE 1A	UAP	70%	601.63 SF	540.36 SF
709	TYPE 1B			540.53 SF	472.89 SF
710	TYPE 1C	UAP	40%	496.37 SF	444.1 SF
711	TYPE 0B			385.41 SF	328.76 SF
712	TYPE 0C			367.85 SF	320.38 SF
713	TYPE 0B			386.11 SF	329.61 SF
714	TYPE 2C			780.01 SF	685.62 SF
715	TYPE 1B			543.46 SF	475.01 SF
716	TYPE 2A			885.03 SF	784.18 SF
717	TYPE 2B			803.2 SF	705.94 SF
718	TYPE 2B			799.14 SF	718.73 SF
719	TYPE 0B	UAP	70%	434.67 SF	378.01 SF
720	TYPE 0B	UAP	70%	420.54 SF	381.41 SF
721	TYPE 2A	UAP	70%	887.48 SF	785.02 SF
722	TYPE 0C			369.36 SF	318.28 SF
723	TYPE 2A			887.75 SF	784.76 SF
724	TYPE 1C			498.76 SF	436.22 SF
725	TYPE 1B			542.36 SF	476.24 SF
726	TYPE 0B			418.24 SF	380.44 SF
727	TYPE 1C			511.75 SF	423.26 SF
728	TYPE 2A	UAP	40%	838.65 SF	700.84 SF
729	TYPE 2A			971.16 SF	814.71 SF
7TH FLOOR: 29					
8TH FLOOR					
801	TYPE 2C			769.75 SF	651.58 SF
802	TYPE 0A			507.53 SF	441.25 SF
803	TYPE 0C			362.39 SF	317.15 SF
804	TYPE 2B			798.51 SF	717.42 SF
805	TYPE 0C			367.18 SF	312.14 SF
806	TYPE 0B			424.93 SF	381.33 SF
807	TYPE 1B			538.36 SF	471.06 SF
808	TYPE 1A	UAP	70%	601.63 SF	540.36 SF
809	TYPE 1B			540.53 SF	472.89 SF
810	TYPE 1C			496.37 SF	444.1 SF
811	TYPE 0B			385.41 SF	328.76 SF
812	TYPE 0C			367.85 SF	320.38 SF
813	TYPE 0B			386.11 SF	329.61 SF
814	TYPE 2C			780.01 SF	685.62 SF
815	TYPE 1B			543.46 SF	475.01 SF
816	TYPE 2A			885.03 SF	784.18 SF
817	TYPE 2B			803.2 SF	705.94 SF
818	TYPE 2B			799.14 SF	718.73 SF
819	TYPE 0B			434.67 SF	378.01 SF
820	TYPE 0B	UAP	70%	420.54 SF	381.41 SF
821	TYPE 2A			887.48 SF	785.02 SF
822	TYPE 0C	UAP	40%	369.36 SF	318.28 SF
823	TYPE 2A			887.75 SF	784.76 SF
824	TYPE 1C	UAP	40%	498.76 SF	436.22 SF
825	TYPE 1B	UAP	40%	542.36 SF	476.24 SF
826	TYPE 0B			418.24 SF	380.44 SF
827	TYPE 1C			511.75 SF	423.26 SF
828	TYPE 2A	UAP	40%	838.65 SF	700.84 SF
829	TYPE 2A			971.16 SF	814.71 SF
8TH FLOOR: 29					

UNIT MIX

UNIT	TYPE	INCOME CAT.	AMI BAND	GROSS AREA	NFS AREA
9TH FLOOR					
901	TYPE 2C			769.75 SF	651.58 SF
902	TYPE 0A			507.53 SF	441.25 SF
903	TYPE 0C			362.39 SF	317.15 SF
904	TYPE 2B			798.51 SF	717.42 SF
905	TYPE 0C			367.18 SF	312.14 SF
906	TYPE 0B			424.93 SF	381.33 SF
907	TYPE 1B			538.36 SF	471.06 SF
908	TYPE 1A	UAP	70%	601.63 SF	540.36 SF
909	TYPE 1B			540.53 SF	472.89 SF
910	TYPE 1C			496.37 SF	444.1 SF
911	TYPE 0B			385.41 SF	328.76 SF
912	TYPE 0C			367.85 SF	320.38 SF
913	TYPE 0B			386.11 SF	329.61 SF
914	TYPE 2C			780.01 SF	685.62 SF
915	TYPE 1B			543.46 SF	475.01 SF
916	TYPE 2A			885.03 SF	784.18 SF
917	TYPE 2B			803.2 SF	705.94 SF
918	TYPE 2B			799.14 SF	718.73 SF
919	TYPE 0B			434.67 SF	378.01 SF
920	TYPE 0B	UAP	70%	420.54 SF	381.41 SF
921	TYPE 2A			887.48 SF	785.02 SF
922	TYPE 0C	UAP	40%	369.36 SF	318.28 SF
923	TYPE 2A			887.75 SF	784.76 SF
924	TYPE 1C	UAP	40%	498.76 SF	436.22 SF
925	TYPE 1B			542.36 SF	476.24 SF
926	TYPE 0B			418.24 SF	380.44 SF
927	TYPE 1C			511.75 SF	423.26 SF
928	TYPE 2A	UAP	40%	838.65 SF	700.84 SF
929	TYPE 2A			971.16 SF	814.71 SF
9TH FLOOR: 29					
10TH FLOOR					
1001	TYPE 2C			769.59 SF	651.86 SF
1002	TYPE 0A			507.53 SF	441.25 SF
1003	TYPE 0C	UAP	40%	362.55 SF	317.12 SF
1004	TYPE 2B			798.51 SF	717.42 SF
1005	TYPE 0C			367.18 SF	312.17 SF
1006	TYPE 0B			425.71 SF	381.33 SF
1007	TYPE 1C			538.36 SF	471.04 SF
1008	TYPE 1A			601.59 SF	540.36 SF
1009	TYPE 1C			538.07 SF	472.89 SF
1010	TYPE 1C			496.33 SF	444.1 SF
1011	TYPE 0B			385.47 SF	328.72 SF
1012	TYPE 0C			368.56 SF	320.38 SF
1013	TYPE 0B			379.98 SF	329.45 SF
1014	TYPE 2C			780.01 SF	685.62 SF
1015	TYPE 1A			675.72 SF	573.46 SF
1016	TYPE 2A			885.03 SF	784.18 SF
1017	TYPE 1A			595.73 SF	509.17 SF
1018	TYPE 2B			799.03 SF	718.73 SF
1019	TYPE 1A			595.73 SF	507.37 SF
1020	TYPE 0B			428.2 SF	381.41 SF
1021	TYPE 1A			595.73 SF	508.95 SF
1022	TYPE 0C	UAP	40%	361.64 SF	318.28 SF
1023	TYPE 1A	UAP	70%	602.46 SF	505.35 SF
1024	TYPE 1C			495.32 SF	436.22 SF
1025	TYPE 1A			652.04 SF	520.92 SF
1026	TYPE 0B			421.25 SF	380.44 SF
1027	TYPE 2A	UAP	70%	839.32 SF	700.84 SF
10TH FLOOR: 27					
11TH FLOOR					
1101	TYPE 2C			769.59 SF	651.86 SF
1102	TYPE 0A			507.53 SF	441.25 SF
1103	TYPE 0C			362.55 SF	317.12 SF
1104	TYPE 2B			798.51 SF	717.42 SF
1105	TYPE 0C			367.18 SF	312.17 SF
1106	TYPE 0B			425.71 SF	381.33 SF
1107	TYPE 1C			538.36 SF	471.04 SF
1108	TYPE 1A			601.59 SF	540.36 SF
1109	TYPE 1C			538.07 SF	472.89 SF
1110	TYPE 1C			496.33 SF	444.1 SF
1111	TYPE 0B			385.47 SF	328.72 SF
1112	TYPE 0C			368.56 SF	320.38 SF
1113	TYPE 0B			379.98 SF	329.45 SF
1114	TYPE 2C			780.01 SF	685.62 SF
1115	TYPE 1A			675.72 SF	573.46 SF
1116	TYPE 2A			885.03 SF	784.18 SF
1117	TYPE 1A			595.73 SF	509.17 SF
1118	TYPE 2B			799.03 SF	718.73 SF
1119	TYPE 1A			595.73 SF	507.37 SF
1120	TYPE 0B			428.2 SF	381.41 SF
1121	TYPE 1A			595.73 SF	508.95 SF
1122	TYPE 0C			361.64 SF	318.28 SF
1123	TYPE 1A	UAP	70%	602.46 SF	505.35 SF
1124	TYPE 1C			495.32 SF	436.22 SF
1125	TYPE 1A			652.04 SF	520.92 SF
1126	TYPE 0B			421.25 SF	380.44 SF
1127	TYPE 2A			839.32 SF	700.84 SF
11TH FLOOR: 27					

UNIT MIX

UNIT	TYPE	INCOME CAT.	AMI BAND	GROSS AREA	NFS AREA
12TH FLOOR					
1201	TYPE 2C			772.08 SF	651.62 SF
1202	TYPE 0A	UAP	70%	504.43 SF	441.25 SF
1203	TYPE 0C			363.46 SF	317.12 SF
1204	TYPE 2B			795.19 SF	717.42 SF
1205	TYPE 0C			380.9 SF	320.94 SF
1206	TYPE 0B			423.34 SF	381.33 SF
1207	TYPE 1A			595.93 SF	508.93 SF
1208	TYPE 1A			598.8 SF	540.36 SF
1209	TYPE 1A			595.73 SF	507.72 SF
1210	TYPE 1C			495.29 SF	444.1 SF
1211	TYPE 1A			595.73 SF	508.25 SF
1212	TYPE 0C			366.98 SF	320.38 SF
1213	TYPE 1A			595.73 SF	509.17 SF
1214	TYPE 2C			775.92 SF	685.62 SF
1215	TYPE 1A	UAP	70%	595.73 SF	507.32 SF
1216	TYPE 2A			880.94 SF	784.18 SF
1217	TYPE 1A			595.73 SF	508.98 SF
1218	TYPE 2B			795.8 SF	718.73 SF
1219	TYPE 1A			602.14 SF	505.35 SF
1220	TYPE 0B			418.68 SF	381.41 SF
1221	TYPE 1A			652.34 SF	520.97 SF
1222	TYPE 0C			366.98 SF	318.28 SF
1223	TYPE 1C			497.24 SF	436.22 SF
1224	TYPE 0B			415.7 SF	380.44 SF
1225	TYPE 2A			837.16 SF	700.84 SF
12TH FLOOR: 25					
PENTHOUSE FLOOR					
1301	TYPE 1A			594.39 SF	506.7 SF
1302	TYPE 0A			507.53 SF	441.25 SF
1303	TYPE 1A			595.73 SF	507.72 SF
1304	TYPE 2B			798.41 SF	717.42 SF
1305	TYPE 1A			595.73 SF	508.26 SF
1306	TYPE 0B			425.82 SF	381.33 SF
1307	TYPE 1A			595.73 SF	509.17 SF
1308	TYPE 1A			601.57 SF	540.36 SF
1309	TYPE 1A			595.73 SF	507.32 SF
1310	TYPE 1C			496.53 SF	444.1 SF
1311	TYPE 1A			595.73 SF	508.98 SF
1312	TYPE 0C			368.38 SF	320.38 SF
1313	TYPE 1A	UAP	70%	602.14 SF	505.35 SF
1314	TYPE 2C			780.02 SF	685.62 SF
1315	TYPE 1A			652.3 SF	520.92 SF
1316	TYPE 2A			885.03 SF	784.18 SF
1317	TYPE 2B			799.03 SF	718.73 SF
1318	TYPE 0B			421.11 SF	381.41 SF
1319	TYPE 0C			368.38 SF	318.28 SF
1320	TYPE 1C			498.66 SF	436.22 SF
1321	TYPE 0B			418.09 SF	380.44 SF
1322	TYPE 2A	UAP	70%	839.26 SF	700.84 SF
PENTHOUSE FLOOR: 22					
GRAND TOTAL: 304					

LEGEND

MARKET RATE UNITS

FRESH

UAP UNITS

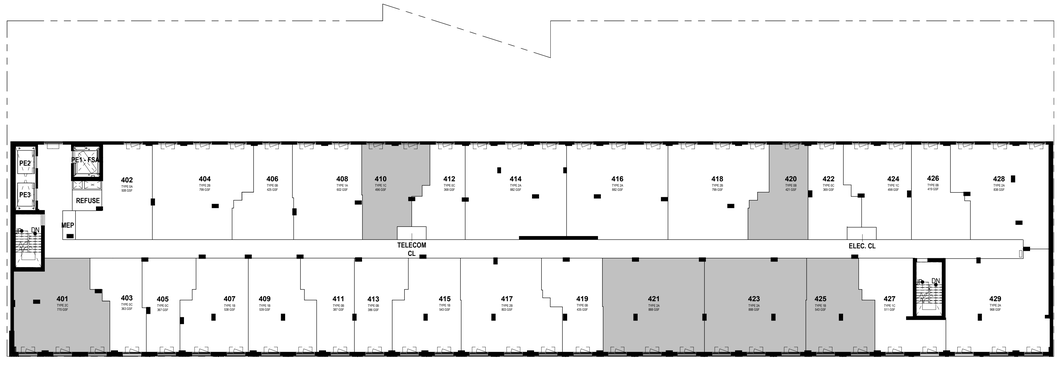
UNIT MIX SUMMARY

LEVEL	0BD COUNT	1BD COUNT	2BD COUNT	UNIT COUNT TOTAL
PENTHOUSE FLOOR	6	11	5	22
12TH FLOOR	8	11	6	25
11TH FLOOR	10	11	6	27
10TH FLOOR	10	11	6	27
9TH FLOOR	11	8	10	29
8TH FLOOR	11	8	10	29
7TH FLOOR	11	8	10	29
6TH FLOOR	11	8	10	29
5TH FLOOR	11	8	10	29
4TH FLOOR	11	8	10	29
3RD FLOOR	11	8	10	29
Grand total: 304	111	100	93	304

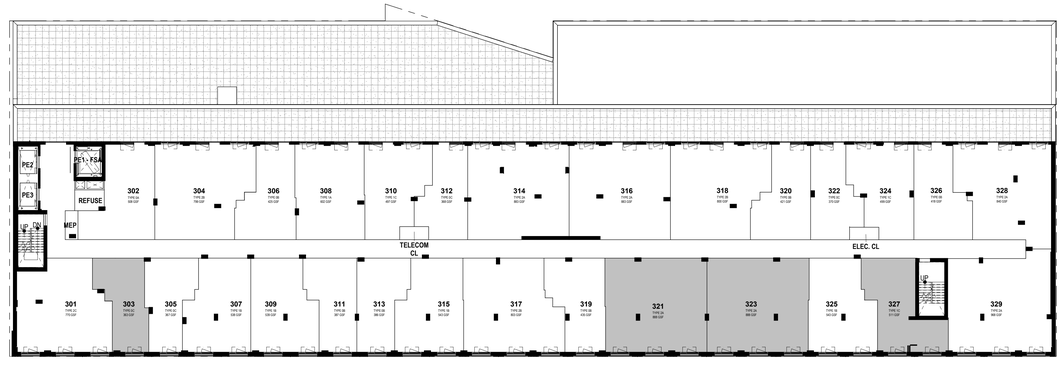
FRESH BONUS REALLOCATED FLOOR AREA

LEVEL	UFAS	FLOOR AREA
13TH FLOOR	FRESH	17,198.30
12TH FLOOR	FRESH	2,801.70
TOTAL FRESH		20,000.00

UNIT	TYPE	INCOME CAT.	AMI BAND	GROSS AREA	NFS AREA
3RD FLOOR					
303	TYPE 0C	UAP	70%	362.56	317.15 SF
321	TYPE 2A	UAP	40%	887.63	785.02 SF
323	TYPE 2A	UAP	70%	887.74	784.76 SF
327	TYPE 1C	UAP	70%	510.88	423.26 SF
3RD FLOOR: 4					
4TH FLOOR					
401	TYPE 2C	UAP	40%	769.58	651.58 SF
410	TYPE 1C	UAP	70%	496.37	444.14 SF
420	TYPE 0B	UAP	70%	420.54	381.38 SF
421	TYPE 2A	UAP	70%	887.63	785.02 SF
423	TYPE 2A	UAP	70%	887.74	784.76 SF
425	TYPE 1B	UAP	70%	543.09	476.24 SF
4TH FLOOR: 6					
5TH FLOOR					
501	TYPE 2C	UAP	40%	769.58	651.58 SF
510	TYPE 1C	UAP	40%	496.37	444.14 SF
520	TYPE 0B	UAP	70%	420.54	381.38 SF
521	TYPE 2A	UAP	70%	887.63	785.02 SF
525	TYPE 1B	UAP	70%	543.09	476.24 SF
5TH FLOOR: 5					
6TH FLOOR					
620	TYPE 0B	UAP	70%	420.54	381.38 SF
621	TYPE 2A	UAP	70%	887.63	785.02 SF
622	TYPE 0C	UAP	40%	369.36	318.07 SF
625	TYPE 1B	UAP	70%	543.09	476.24 SF
6TH FLOOR: 4					
7TH FLOOR					
708	TYPE 1A	UAP	70%	601.63	540.36 SF
710	TYPE 1C	UAP	40%	496.37	444.1 SF
719	TYPE 0B	UAP	70%	434.67	378.01 SF
720	TYPE 0B	UAP	70%	420.54	381.41 SF
721	TYPE 2A	UAP	70%	887.48	785.02 SF
728	TYPE 2A	UAP	40%	838.65	700.84 SF
7TH FLOOR: 6					
8TH FLOOR					
808	TYPE 1A	UAP	70%	601.63	540.36 SF
820	TYPE 0B	UAP	70%	420.54	381.41 SF
822	TYPE 0C	UAP	40%	369.36	318.28 SF
824	TYPE 1C	UAP	40%	498.76	436.22 SF
825	TYPE 1B	UAP	40%	542.36	476.24 SF
828	TYPE 2A	UAP	40%	838.65	700.84 SF
8TH FLOOR: 6					
9TH FLOOR					
908	TYPE 1A	UAP	70%	601.63	540.36 SF
920	TYPE 0B	UAP	70%	420.54	381.41 SF
922	TYPE 0C	UAP	40%	369.36	318.28 SF
924	TYPE 1C	UAP	40%	498.76	436.22 SF
928	TYPE 2A	UAP	40%	838.65	700.84 SF
9TH FLOOR: 5					
10TH FLOOR					
1003	TYPE 0C	UAP	40%	362.55	317.12 SF
1022	TYPE 0C	UAP	40%	361.64	318.28 SF
1023	TYPE 1A	UAP	70%	602.46	505.35 SF
1027	TYPE 2A	UAP	70%	839.32	700.84 SF
10TH FLOOR: 4					
11TH FLOOR					
1123	TYPE 1A	UAP	70%	602.46	505.35 SF
11TH FLOOR: 1					
12TH FLOOR					
1202	TYPE 0A	UAP	70%	504.43	441.25 SF
1215	TYPE 1A	UAP	70%	595.73	507.32 SF
12TH FLOOR: 2					
PENTHOUSE FLOOR					
1313	TYPE 1A	UAP	70%	602.14	505.35 SF
1322	TYPE 2A	UAP	70%	839.26	700.84 SF
PENTHOUSE FLOOR: 2					
GRAND TOTAL: 45					

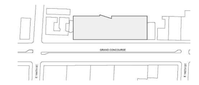


2 OVERALL PLAN - 4TH FLOOR
SCALE: 1/16" = 1'-0"



1 OVERALL PLAN - 3RD FLOOR
SCALE: 1/16" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

UNIT MIX AND KEY PLANS

SCALE: As indicated PAGE: 13 OF 75

Z-007.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

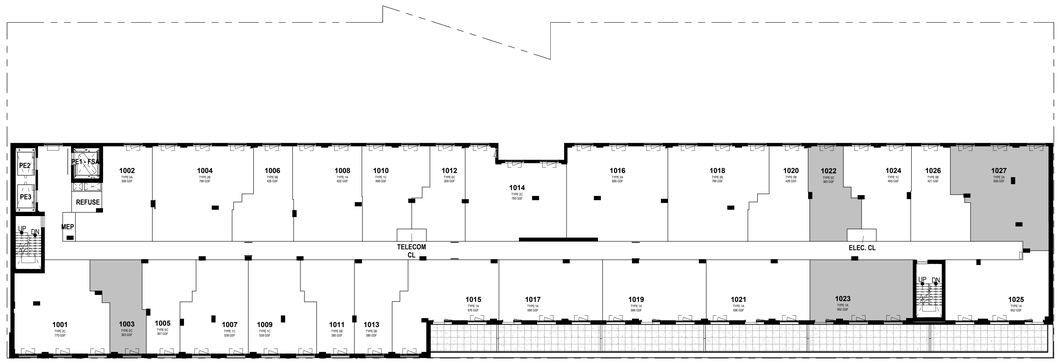
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

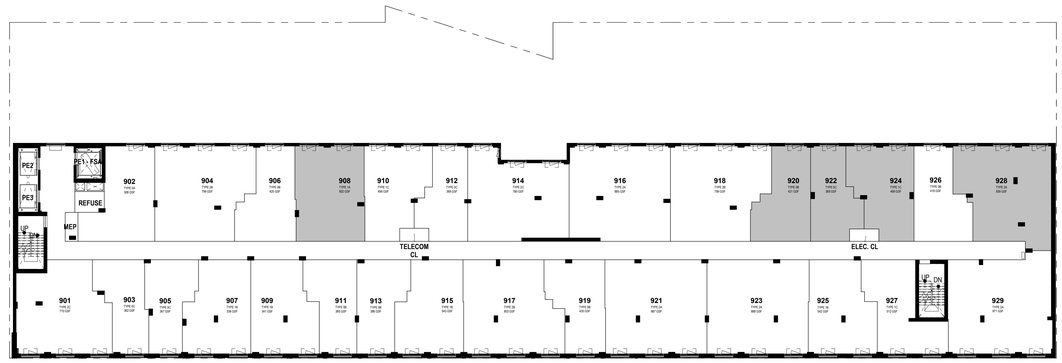
11/7/2025 7:28:39 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

LEGEND

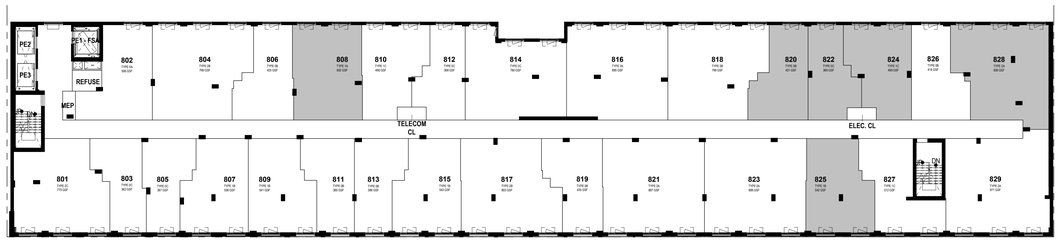
MARKET RATE UNITS | FRESH | UAP UNITS



6 OVERALL PLAN - 10TH FLOOR
SCALE: 1/16" = 1'-0"

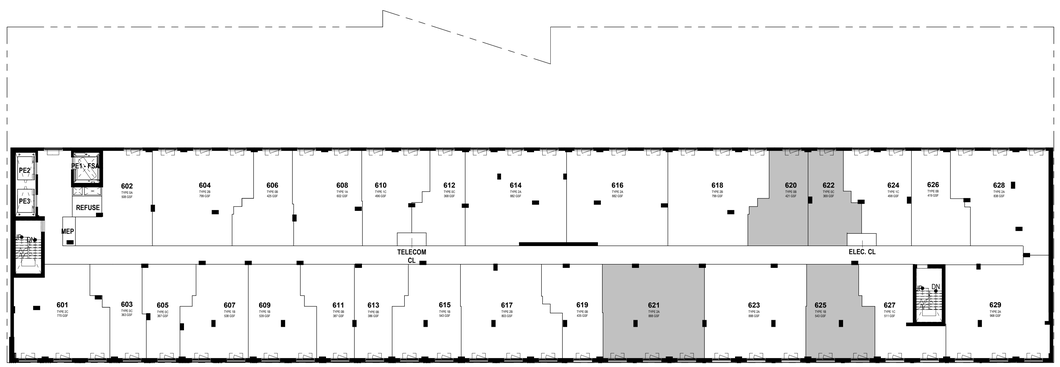


5 OVERALL PLAN - 9TH FLOOR
SCALE: 1/16" = 1'-0"



4 OVERALL PLAN - 8TH FLOOR
SCALE: 1/16" = 1'-0"

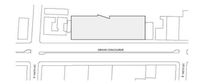
3 OVERALL PLAN - 7TH FLOOR
SCALE: 1/16" = 1'-0"



2 OVERALL PLAN - 6TH FLOOR
SCALE: 1/16" = 1'-0"

1 OVERALL PLAN - 5TH FLOOR
SCALE: 1/16" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

UNIT MIX AND KEY PLANS

SCALE: As indicated PAGE: 14 OF 75

Z-008.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

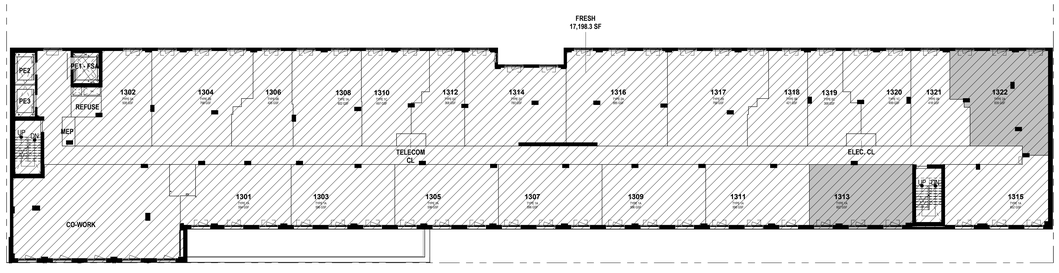
11/7/2025 7:26:40 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

LEGEND

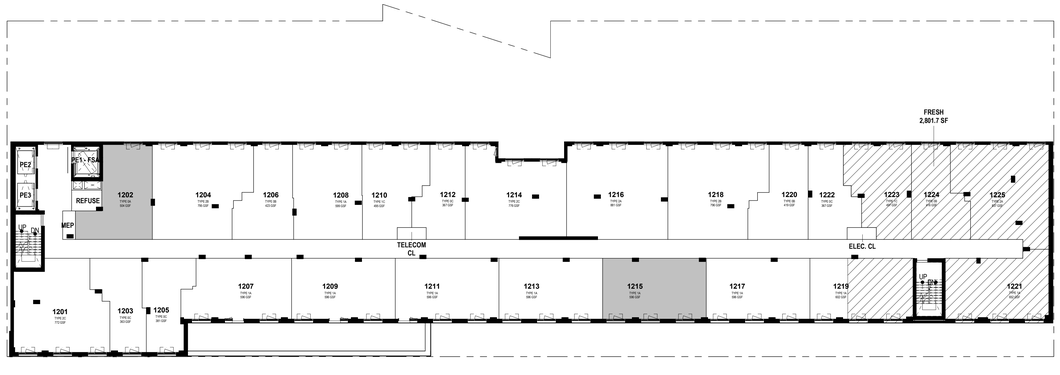
MARKET RATE UNITS

FRESH

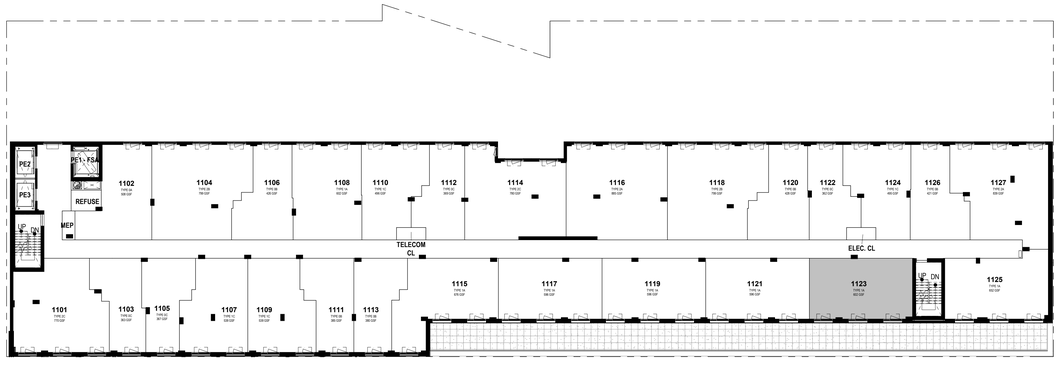
UAP UNITS



3 OVERALL PLAN - PENTHOUSE
SCALE: 1/16" = 1'-0"

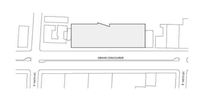


2 OVERALL PLAN - 12TH FLOOR
SCALE: 1/16" = 1'-0"



1 OVERALL PLAN - 11TH FLOOR
SCALE: 1/16" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

UNIT MIX AND KEY PLANS

SCALE: As indicated PAGE: 15 OF 75

Z-009.00

DOB SCAN STICKER

SEAL

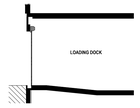
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 7:29:44 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

6 GROUND FLOOR USES
SCALE: 1/16" = 1'-0"



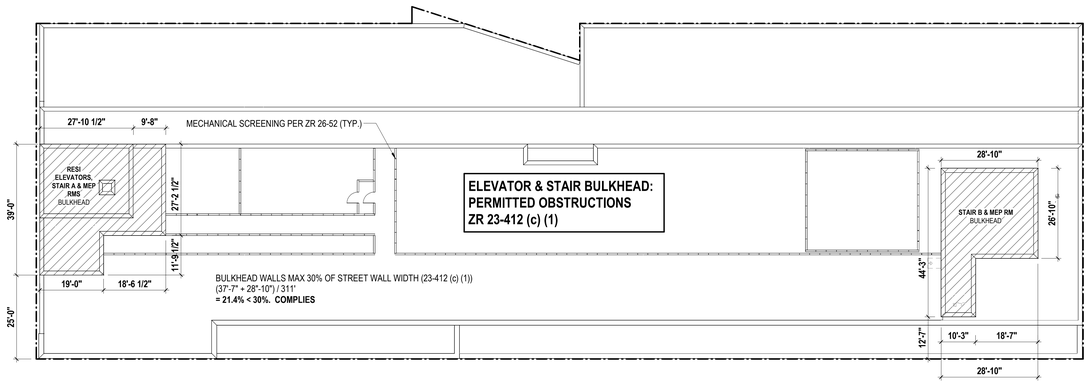
ZR 36-62
ALLOWED ON WIDE STREET IN CONFORMITY WITH THE REQUIREMENTS SET FORTH IN THE TABLE (LRC - B) WHEN TIER B FRONTAGE IS THE ONLY FRONTAGE
COMPLIES

ZR. 36-661
MINIMUM DIMENSIONS FOR REQUIRED ACCESSORY OFF-STREET LOADING BERTHS (LRC - B)

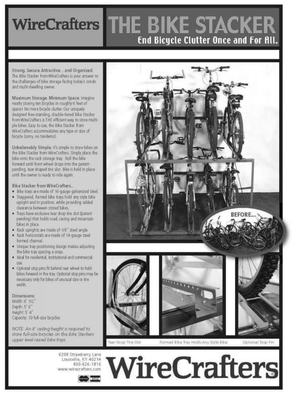
LENGTH:	REQUIRED: 37'	PROPOSED: 67' 6 3/8"
WIDTH:	REQUIRED: 12'	PROPOSED: 30' 10 1/4"
VERTICAL CLEARANCE:	REQUIRED: 14'	PROPOSED: 16' 2"

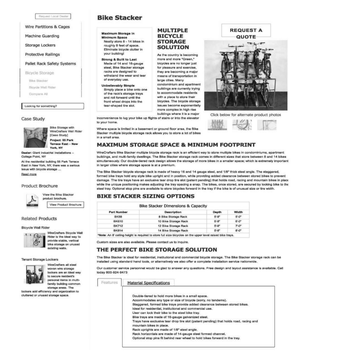
COMPLIES

ZR. 25-75
NO INTERSECTION WITHIN 50'
COMPLIES



5 ELEVATOR & BULKHEAD PERMITTED OBSTRUCTIONS
SCALE: 1/16" = 1'-0"





ZR 25-80 / 36-711

REQUIRED BICYCLE PARKING RESIDENTIAL
1 PER 2 DWELLING UNITS
304 UNITS/2= 152 BICYCLE SPACES
ADA BICYCLE SPACE REQUIRED: 152 * 0.10 = 16 BIKES

REQUIRED BICYCLE PARKING COMMERCIAL
1 PER 10,000 SF
39,985 SF COMMERCIAL/ 10,000 SF = 4 BICYCLE SPACES
ADA BICYCLE SPACE REQUIRED: 2 * 0.10 = 1 BIKES

ZR 25-85

ALL ACCESSORY BICYCLE SPACES ARE ON THE SAME ZONING LOT AS THE BUILDING

ZR 25-83

SPACE PROVIDED FOR ENCLOSED ACCESSORY BICYCLE PARKING IS WITHIN THE CELLAR AND THEREFORE NOT INCLUDED IN THE ZONING FLOOR AREA CALCULATION.

PROVIDED BICYCLE SPACES RESIDENTIAL
136 SPACES + 16 ADA = 152 BICYCLE SPACES PROVIDED. COMPLIES
16 ADA SPACES. COMPLIES

PROVIDES BICYCLE SPACES COMMERCIAL
4 SPACES + 1 ADA = 5 BICYCLE SPACES PROVIDED. COMPLIES
1 ADA SPACE. COMPLIES

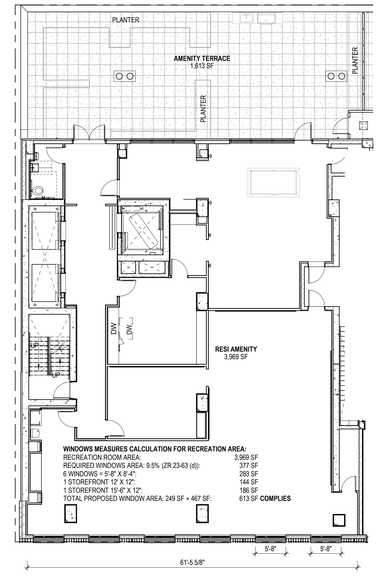
ZR 36-73

ALL REQUIRED BICYCLE PARKING SPACES THAT ARE ACCESSORY TO RESIDENCE SHALL BE MADE AVAILABLE FOR THE STORAGE AND INDEPENDENT ACCESS OF THE BICYCLES USED BY THE OCCUPANTS OF SUCH RESIDENCES.

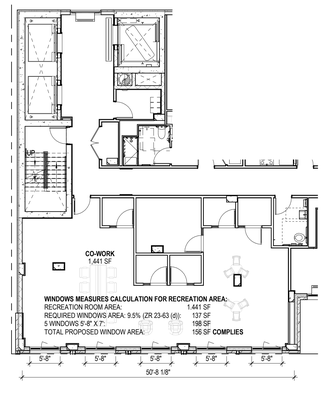
BIKE STORAGE ROOM (1,680 SF)

8 WIRECRAFTERS "BIKE STACKER" 8' RACK X 14 BIKES EACH = 112 BICYCLE SPACES
3 WIRECRAFTERS "BIKE STACKER" 5' RACK X 8 BIKES EACH = 24 BICYCLE SPACES
16 INDIVIDUAL ADA BICYCLE SPACES
TOTAL = 152

1,620 SF / 152 BIKES = 10.7 SF/BIKE (>9SF, NO DETERMINATION REQUIRED)



4 2ND FLOOR RECREATION SPACE
SCALE: 1" = 10'-0"

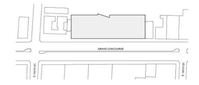


3 PENTHOUSE FLOOR RECREATION SPACE
SCALE: 1" = 10'-0"

2 BIKE ROOM (RESIDENTIAL)
SCALE: 1/4" = 1'-0"

1 BIKE SPACES (COMMERCIAL)
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:
350 GRAND CONCOURSE
350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00
DOB NO: X012192259-I1

DRAWING TITLE:
ZONING DIAGRAMS

SCALE: As indicated PAGE: 6 OF 83

Z-010.00

DOB SCAN STICKER

SEAL

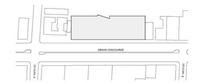
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 7:28:46 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

TRANSPARANCY CALCULATIONS		
	WINDOW	**TRANSPARENT GROUND FLOOR AREA**
SURFACE AREA BETWEEN 2' & 12' ABOVE SIDEWALK, OR THE HEIGHT OF THE GROUND FLOOR CEILING = 2,224.71 SF	WINDOW 1-A	58.34 SF
	WINDOW 1-B	187.81 SF
	WINDOW 1-C	196.50 SF
	WINDOW 1-D	200.80 SF
	WINDOW 1-E	205.03 SF
	WINDOW 1-F	209.52 SF
	WINDOW 1-G	212.57 SF
	WINDOW 1-H	222.51 SF
	WINDOW 1-I	232.35 SF
	WINDOW 1-J	235.56 SF
REQUIRED TRANSPARANT MATERIAL 50% PER 35-631 (b) / ZR 37-34: 1,112.36 SF		PROVIDED: **1,960.99 SF** **COMPLIES**

TRANSPARANCY CALCULATIONS		
	WINDOW	**TRANSPARENT GROUND FLOOR AREA**
SURFACE AREA BETWEEN 2' & 12' ABOVE SIDEWALK, OR THE HEIGHT OF THE GROUND FLOOR CEILING =3,153.89 SF	WINDOW 1-B	169.32 SF
	WINDOW 1-C	176.69 SF
	WINDOW 1-D	181.12 SF
	WINDOW 1-E	161.30 SF
	WINDOW 1-F	162.63 SF
	WINDOW 1-G	191.25 SF
	WINDOW 1-H	200.71 SF
	WINDOW 1-I	209.48 SF
	WINDOW 1-J	210.22 SF
REQUIRED TRANSPARANT MATERIAL 50% PER 35-631 (b) / ZR 37-34: 1,576.95 SF		PROVIDED: **1,662.72 SF** **COMPLIES**

MAX STREET WALL WIDTH OF ANCILLARY RESIDENTIAL USES OR LOBBIES ACCESSING SHALL BE THE GREATER OF MAX. 50' OR 50% OF GROUND FLOOR LEVEL STREET FRONTAGE ZR 32-321 (a)(5)

SUCH TRANSPARENCY REQUIREMENTS SHALL NOT APPLY TO PORTIONS OF THE GROUND FLOOR LEVEL OCCUPIED BY ENTRANCES OR EXITS TO ACCESSORY OFF-STREET PARKING FACILITIES AND PUBLIC PARKING GARAGES, WHERE PERMITTED, ENTRYWAYS TO REQUIRED LOADING BERTHS, WHERE PERMITTED, ENTRYWAYS TO SUBWAY STATIONS, AS APPLICABLE, OR DOORS ACCESSING EMERGENCY EGRESS STAIRWELLS AND PASSAGEWAYS. (ZR 37-34)

TRANSPARENT GROUND FLOOR AREA

SURFACE AREA BETWEEN 2' & 12' ABOVE SIDEWALK

LOADING BERTH IS ALLOWED WHEN TIER B FRONTAGE IS THE ONLY FRONTAGE, WITH A MAXIMUM WIDTH OF 50' ZR 32-321 (a) (7) (ii)

2 STREET ZONING ELEVATION WEST
SCALE: 3/32" = 1'-0"

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ZONING DIAGRAMS

SCALE: 3/32" = 1'-0" PAGE: 6 OF 83

Z-011.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 7:29:47 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

COMcheck Software Version 4.1.5.5

Envelope Compliance Certificate

Project Information

Energy Code: 2020 New York City Energy Conservation Code, Appendix CA (modified 90.1-2016)
Project Title:
Location: New York, New York
Climate Zone: 4a
Project Type: New Construction
Vertical Glazing / Wall Area: 23%
Performance Sim. Specs: EnergyPlus 8.1.0.009 (EPW: USA_NY_New.York-LaGuardia.AP.725030_TMY3.epw)

Construction Site: Owner/Agent: Designer/Contractor:

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Enhanced Envelope Performance, 1.0 credit

Building Area	Floor Area
1-Multifamily : Residential	196693
2-Retail : Nonresidential	39983

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor$_{tot}$
R1 Multifamily: Insulation Entirely Above Deck, [Bldg. Use 2 - Retail]	5307	---	30.0	0.032	0.025
R2 IRMA 6": Insulation Entirely Above Deck, [Bldg. Use 2 - Retail]	22904	---	30.0	0.032	0.025
R1- Underslab Insulation Ceiling over 1st: Concrete Floor (over unconditioned space), [Bldg. Use 2 - Retail]	4063	---	22.8	0.039	0.048
F1- Underslab Insulation Ceiling over Cellar: Concrete Floor (over unconditioned space), [Bldg. Use 2 - Retail]	1420	---	22.8	0.039	0.048
F2- Underslab Insulation 5": Concrete Floor (over unconditioned space), [Bldg. Use 2 - Retail]	450	---	19.0	0.045	0.048
F3- Below Grade Insulation: Concrete Floor (over unconditioned space), [Bldg. Use 2 - Retail]	610	---	10.0	0.076	0.048
NORTH					
C-3 Precast Concrete at Slab: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	86	---	8.4	0.098	0.073
C-4 Precast Concrete at CMU: Solid Concrete:8" Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - Multifamily]	954	9.4	12.6	0.056	0.073
C-5 Precast Concrete at Parapet: Solid Concrete:8" Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - Multifamily]	37	10.0	12.6	0.056	0.073
E-1 EIFS at Stud Wall: Steel-Framed, 16" o.c., [Bldg. Use 1 - Multifamily]	243	16.8	15.0	0.042	0.052
Door 7: Insulated Metal, Swinging, [Bldg. Use 1 - Multifamily]	72	---	---	0.350	0.315
E-2 EIFS CMU: Concrete Block:8", Partially Grouted, Cells Insulated, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	2159	---	15.0	0.056	0.073
E-3 EIFS at Concrete Column: Concrete Block:8", Partially Grouted,	267	---	15.0	0.056	0.073

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor$_{tot}$
Cells Insulated, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]					
E-4 EIFS at Concrete Slab: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	325	---	12.6	0.069	0.073
E-5 EIFS at Concrete Wall: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	5385	---	15.0	0.060	0.073
E-6 EIFS at Parapet: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	575	---	15.0	0.060	0.073
S-4 Stone Base at Foundation Wall: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	13	---	10.0	0.085	0.073
X-1 Exterior Insulation at Concrete Wall: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	1500	---	8.4	0.098	0.073
X-2 Exterior Insulation at Concrete Slab: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	35	---	12.6	0.069	0.073
X-3 Exterior Insulation at CMU: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	283	---	12.6	0.069	0.073
X-4 Insulation at Parapet: Solid Concrete:8" Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - Multifamily]	59	10.0	12.6	0.056	0.073
X-5 Insulation at Concrete Column: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	78	---	8.4	0.098	0.073
X-6 Insulation at Concrete below grade: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	1372	---	10.0	0.085	0.073
NORTHEAST					
D-1 Insulated Metal Door: Other Metal Building Wall, [Bldg. Use 2 - Retail] (b)	290	---	---	0.350	0.138
G4- Interior Glazing: Metal Frame:Operable, 95' above-grade, Perf. Specs.: Product ID N/A, SHGC 0.36, PF 0.10, VT 0.60, < 95' above-grade, [Bldg. Use 2 - Retail] (c)	19	---	---	0.290	0.340
I1-EIFS at Interior: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Retail]	3219	---	10.0	0.083	0.493
I2- Rigid Insulation at Interior: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Retail]	5945	---	12.8	0.067	0.493
I3- Mineral Wool at Interior: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 2 - Retail]	557	---	8.4	0.095	0.493
EAST					
E-1 EIFS at Stud Wall: Steel-Framed, 16" o.c., [Bldg. Use 1 - Multifamily]	17314	16.8	15.0	0.042	0.052
G1- Window Fixed: Metal Frame:Fixed, 95' above-grade, Perf. Specs.: Product ID N/A, SHGC 0.36, PF 0.10, VT 0.60, < 95' above-grade, [Bldg. Use 1 - Multifamily] (c)	286	---	---	0.290	0.255
G2- Window Operable: Metal Frame:Operable, 95' above-grade, Perf. Specs.: Product ID N/A, SHGC 0.36, PF 0.10, VT 0.60, < 95' above-grade, [Bldg. Use 1 - Multifamily] (c)	8353	---	---	0.290	0.340
G3- Storefront Glazing: Metal Frame:Fixed, 95' above-grade, Perf. Specs.: Product ID N/A, SHGC 0.36, PF 0.10, VT 0.60, < 95' above-grade, [Bldg. Use 1 - Multifamily] (c)	315	---	---	0.290	0.255
D1 Insulated Metal Door: Insulated Metal, Swinging, [Bldg. Use 1 - Multifamily]	61	---	---	0.350	0.315
D2 Glazed Door: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID N/A, SHGC 0.36, PF 0.10, VT 0.60, < 95' above-grade, [Bldg. Use 1 - Multifamily] (c)	635	---	---	0.340	0.578
E-2 EIFS at CMU: Concrete Block:8", Partially Grouted, Cells Insulated, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	4014	---	15.0	0.056	0.073
E-3 EIFS at Concrete Column: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	3861	---	15.0	0.060	0.073
E-4 EIFS at Concrete Slab: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	2859	---	12.6	0.069	0.073
E-5 EIFS at Concrete Wall: Solid Concrete:8" Thickness, Normal	2438	---	15.0	0.060	0.073

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor$_{tot}$
Density, Furring: None, [Bldg. Use 1 - Multifamily]					
E-6 EIFS at Parapet East: Steel-Framed, 16" o.c., [Bldg. Use 1 - Multifamily]	4203	10.0	15.0	0.045	0.052
L1- PTAC + Exterior Louver: Other Exterior Wall, Heat capacity 1.0, [Bldg. Use 1 - Multifamily] (b)	1342	---	---	0.500	0.052
L2- Louver with Blank-off Panel: Steel-Framed, 16" o.c., [Bldg. Use 1 - Multifamily]	2309	5.0	14.7	0.049	0.052
X-6 Insulation at Concrete Below Grade: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	216	---	10.0	0.085	0.073
M-4 Metal Panel at Storefront: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	121	---	15.0	0.060	0.073
SOUTH					
C-1 Precast Concrete Panel at Stud Wall: Solid Concrete:8" Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - Multifamily]	358	22.0	12.6	0.048	0.073
C-3 Precast Concrete Panel at Concrete Slab: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	30	---	8.4	0.098	0.073
C-5 Precast Concrete Panel at Parapet: Solid Concrete:8" Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - Multifamily]	79	10.0	12.6	0.056	0.073
E-1 EIFS at Stud Wall: Steel-Framed, 24" o.c., [Bldg. Use 1 - Multifamily]	179	16.8	15.0	0.040	0.052
E-2 EIFS at CMU: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	1058	---	15.0	0.059	0.073
G2- Window Operable: Metal Frame:Operable, >= 95' above-grade, Perf. Specs.: Product ID N/A, SHGC 0.36, PF 0.10, VT 0.60, >= 95' above-grade, [Bldg. Use 1 - Multifamily] (c)	102	---	---	0.290	0.357
D1- Insulated Metal Door: Uninsulated Double-Layer Metal, Swinging, [Bldg. Use 1 - Multifamily]	99	---	---	0.350	0.315
E-3 EIFS at Concrete Column: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	210	---	15.0	0.060	0.073
E-4 EIFS at Concrete Slab: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	379	---	12.6	0.069	0.073
E-5 EIFS at Concrete Wall: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	2608	---	15.0	0.060	0.073
E-6 EIFS at Parapet: Steel-Framed, 16" o.c., [Bldg. Use 1 - Multifamily]	915	12.5	12.0	0.050	0.052
X-1 Exterior Insulation at Concrete Wall: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	3560	---	8.4	0.098	0.073
X-2 Exterior Insulation at Concrete Slab: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	704	---	12.6	0.069	0.073
X-3 Exterior Insulation at CMU: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	308	---	12.6	0.069	0.073
X-5 Exterior Insulation at Concrete column: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	113	---	8.4	0.098	0.073
X-6 Interior Walls: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	2085	---	12.0	0.072	0.073
WEST					
C-1 Precast Concrete Panel at Stud Wall copy 1: Solid Concrete:8" Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - Multifamily]	16980	12.6	22.0	0.034	0.073
G1- Window Fixed: Metal Frame:Fixed, 95' above-grade, Perf. Specs.: Product ID N/A, SHGC 0.26, PF 0.10, VT 0.60, < 95' above-grade, [Bldg. Use 1 - Multifamily] (c)	1644	---	---	0.290	0.255
G2- Window Operable: Metal Frame:Operable, 95' above-grade, Perf. Specs.: Product ID N/A, SHGC 0.36, PF 0.10, VT 0.60, < 95' above-grade, [Bldg. Use 1 - Multifamily] (c)	9210	---	---	0.290	0.340
G3- Storefront Glazing: Metal Frame:Operable, 95' above-grade, Perf. Specs.: Product ID N/A, SHGC 0.36, PF 0.10, VT 0.60, < 95' above-grade, [Bldg. Use 1 - Multifamily] (c)	1863	---	---	0.290	0.340
D1- Insulated Metal Door: Insulated Metal, Swinging, [Bldg. Use 1 - Multifamily]	82	---	---	0.350	0.315

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor$_{tot}$
D2- Glazed Door: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID N/A, SHGC 0.36, PF 0.10, VT 0.60, < 95' above-grade, [Bldg. Use 1 - Multifamily] (c)	427	---	---	0.340	0.578
C-2 Precast Concrete Panel at Column: Solid Concrete:8" Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - Multifamily]	3632	9.4	12.6	0.056	0.073
C-3 Precast Concrete at Slab: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	3292	---	8.4	0.098	0.073
C-5 Precast Concrete at Parapet: Solid Concrete:8" Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - Multifamily]	2311	10.0	12.6	0.056	0.073
C-6 Precast Concrete Panel at Concrete Wall: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	382	---	12.6	0.069	0.073
E-2 EIFS at CMU: Concrete Block:8", Partially Grouted, Cells Insulated, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	679	---	15.0	0.056	0.073
E-3 EIFS at Concrete Column: Concrete Block:8", Partially Grouted, Cells Insulated, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	98	---	15.0	0.056	0.073
E-4 EIFS at Concrete Slab: Concrete Block:8", Partially Grouted, Cells Insulated, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	72	---	12.6	0.065	0.073
E-5 EIFS at Concrete Wall: Concrete Block:8", Partially Grouted, Cells Insulated, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	111	---	15.0	0.056	0.073
E-6 EIFS at Parapet: Concrete Block:8", Partially Grouted, Cells	402	10.0	15.0	0.047	0.073
L1- PTAC + Exterior Louver: Other Exterior Wall, Heat capacity 1.0, [Bldg. Use 1 - Multifamily] (b)	1365	---	---	0.500	0.052
L2- Louver with Blank-off panel: Steel-Framed, 16" o.c., [Bldg. Use 1 - Multifamily]	2423	5.0	14.7	0.049	0.052
M-1 Metal Panel at Stud Wall: Metal Building Wall, Single Layer Mineral Fiber (compressed at girt), [Bldg. Use 1 - Multifamily]	864	14.7	8.4	0.068	0.041
M-2 Metal Panel at Concrete: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	100	---	8.4	0.098	0.073
M3 Metal Panel at Concrete Slab: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	294	---	8.4	0.098	0.073
M-4 Metal Panel at Storefront Assembly: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	311	---	15.0	0.060	0.073
M-5 Metal Panel at Canopy: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	90	---	1.7	0.287	0.073
S-1 Stone Cladding at Concrete Wall: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	81	---	10.0	0.085	0.073
S-2 Stone Base at Concrete Column: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	13	---	10.0	0.085	0.073
S-3 Stone Base at Concrete Slab: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	99	---	10.0	0.085	0.073
S-4 Stone Base at Foundation Wall: Solid Concrete:8" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	225	---	10.0	0.085	0.073
X-6 Insulation at Concrete Below Grade: Solid Concrete:8" Thickness, Normal Density, Furring: None, Wall Ht 15.0, Depth B.G. 15.0, [Bldg. Use 1 - Multifamily]	1790	---	10.0	0.088	0.073

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) "Other" components require supporting documentation for proposed U-factors.
(c) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.

Envelope PASSES: Design 1% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2020 New York City Energy Conservation Code, Appendix CA (modified 90.1-2016) requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

MANAN RAVAL, PE 20251017
Name - Title Signature Date

SHEET#	DRAWING TITLE	50% DD PROGRESS SET - 03.24.2025	65% DD ISSUANCE - 04.04.2025	DD ISSUANCE - 05.02.2025	50% CD ISSUANCE - 08.15.2025	DOB NB ISSUANCE - 09.22.2025	DOB EN ISSUANCE - 10.17.2025
EN-001	ENERGY CODE COMPLIANCE						•
EN-002	ENERGY CODE COMPLIANCE						•
EN-010	ENERGY CODE ELEVATIONS - EAST, WEST						•
EN-011	ENERGY CODE ELEVATIONS - NORTH, SOUTH						•
EN-012	ENERGY CODE ELEVATIONS - INTERIOR						•
EN-013	ENERGY CODE PLANS						•
EN-014	AIR BARRIER CONTINUITY PLANS						•
EN-015	AIR BARRIER CONTINUITY SECTIONS						•
EN-016	ENERGY CODE WALL ASSEMBLY DETAIL						•
EN-017	ENERGY CODE WALL ASSEMBLY DETAIL						•
EN-018	ENERGY CODE WALL ASSEMBLY DETAIL						•
A-610	DOOR SCHEDULE	•	•	•	•	•	•
A-670	EXTERIOR WINDOW/LOUVER TYPES & SCHEDULE			•	•	•	•

PROFESSIONAL STATEMENT:

TO THE BEST OF MY KNOWLEDGE, THE DSIGN CONTAINED HEREIN COMPLIES WITH 2020 NYCECC BY APPLICATION OF ASHRAE 90.1-2016 AS MODIFIED BY APPENDIX CA.

COMMISIONING PLAN STATEMENT:

AS PER NYCECC APPENDIX CA (MODIFIED ASHRAE 90.1 2016), SECTION 6.7.2.3 "SYSTEM COMMISSIONING," OWNER SHALL HIRE COMMISSIONING AGENCY TO DEVELOP A COMMISSIONING PLAN. PLAN SHALL EXPLAIN ALL ACTIVITIES TO BE COMPLETED DURING EACH PHASE OF COMMISIONING. THE PLAN SHALL ALSO LIST SPECIFIC EQUIPMENT AND FUNCTIONS TO BE TESTED, THE CONDITIONS FOR TESTING, AND THE MEASURABLE CRITERIA FOR PERFORMANCE. COOLING SYSTEM IS IN EXCESS OF 480 MBH AND/OR HEATING IS IN EXCESS OF 600 MBH (SPACE HEATING & HOT WATER COMBINED)
TOTAL COOLING CAPACITY: 3651.4 MBH
SPACE HEATING CAPACITY: 2866 MBH
SVC WTR HTG CAPACITY: 501.08 MBH
(SEE MH EN DWGS)

ENERGY CODE COMPLIANCE INSPECTIONS:

TR-8 – Arch Energy Code Progress Inspections

IIA1 Protection of Exposed Foundation Insulation
IIA2 Insulation Placement and R-Values
IIA3 Fenestration U-Factor and Product Rating
IIA4 Fenestration Air Leakage
IIA5 Fenestration Area
IIA6 Air Barrier - Visual Inspection
IIA7 Air Barrier - Testing
IIA8 Air Barrier continuity plan testing/inspection
IIA9 Vestibules

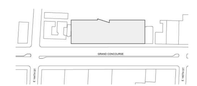
TR-8 – Other Energy Code Progress Inspections

IID1 Maintenance Information

MANDATORY PROVISIONS:

1. CONTINUOUS INSULATION	EN-020, EN-021
2. FENESTRATION AND DOORS	A-611
3. AIR LEAKAGE	
(a) CONTINUOUS AIR BARRIER	EN-012, EN-013
(b) FENESTRATION AND DOORS	A-611, EN-012
(d) VESTIBULE NOTE	EN-012
4. TR08 INSPECTIONS AND SUPPORT	EN-001
5. DOCUMENTATION SCHEDULE	EN-012
6. THERMAL BRIDGES DOCUMENTATIOIN	EN-001

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
F	10.17.2025	DOB EN ISSUANCE



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENERGY CODE COMPLIANCE

SCALE: PAGE: 13 OF 141

EN-001.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 2:38:31 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

COMcheck Software Version 4.1.5.5

Inspection Checklist

Energy Code: 2020 New York City Energy Conservation Code, Appendix CA

Requirements: 0.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
4.2.2, 5.4.3.1.1, 5-7 [PR1][1]	Plans and/or specifications provide all information with which compliance can be determined for the building envelope and document where exceptions to the standard are claimed.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
4.2.2, 8.4.1.1, 8.4.1.2, 8.7 [PR6][2]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the electrical systems and equipment and document where exceptions are claimed. Feeder connectors sized in accordance with approved plans and branch circuits sized for maximum drop of 3%.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.5.4.2.3 [PR7][2]	In buildings > 2,500 ft2, any enclosed spaces directly under a roof with ceiling heights > 15 ft. and used as an office, lobby, atrium, concourse, corridor, storage (including nonrefrigerated warehouse), gymnasium, fitness/exercise area, playing area, gymnasium seating area, convention exhibit/event space, courtroom, automotive service, fire station engine room, manufacturing corridor/transition and bay areas, retail, library reading and stack areas, distribution/sorting area, transportation baggage and seating areas, or workshop, the following requirements apply: The daylight zone under skylights is >= half the floor area and (a) the skylight area to daylight zone is >= 3 percent with a skylight VT >= 0.40 or (b) the minimum skylight effective aperture >= 1 percent. The skylights have a measured haze value > 90 percent.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
8.4.5 [PR11][1]	Electrical meters for tenant spaces in covered buildings. Each covered tenant space in a new building shall be equipped with a separate meter or sub-meter to measure the electrical consumption of such space when let or sublet. See section details and Section 28-311.2 of the Administrative Code. As new covered tenant spaces are created, they shall be equipped with meters or sub-meters as provided in this section.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Footing / Foundation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
4.2.4 [FO1][1]	Installed below-grade wall insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	R-____	R-____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
5.8.1.2 [FO2][1]	Below-grade wall insulation installed per manufacturer's instructions.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
4.2.4 [FO3][1]	Installed slab-on-grade insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	R-____ ☐ Unheated ☐ Heated	R-____ ☐ Unheated ☐ Heated	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
5.5.3.5 [FO5][1]	Slab edge insulation depth/length.	____ft	____ft	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
5.8.1.7 [FO6][1]	Exterior insulation protected against damage, sunlight, moisture, wind, landscaping and equipment maintenance activities.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.8.1.7.3 [FO7][1]	Insulation in contact with the ground has <=0.3% water absorption rate per ASTM C272.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
6.4.4.1.5 [FO11][1]	Bottom surface of floor structures incorporating radiant heating insulated to >=R-3.5.	R-____	R-____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Framing / Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
5.4.3.1.3 [FR16][1]	Whole-building pressurization conducted by an independent third party. Measured air leakage rate of the building envelope <= 0.40 cfm/ft2, with this air leakage rate normalized by the sum of the above and below-grade building envelope areas of the conditioned and semiheated space. R-2 buildings may alternatively show compliance through testing in accordance with Section R402.4.1.3 of the New York City Energy Conservation Code. See department rules and code section for conditional exceptions.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.4.4 [PR10][1]	Applications for construction document approval includes thermal bridge documentation inlcuding: 1) Clear field thermal bridges, 2) Point thermal bridges, 3) Linear thermal bridges. See section language for details.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Framing / Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
5.4.3.2 [FR1][1]	Factory-built and site-assembled fenestration and doors are labeled or certified as meeting air leakage requirements.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.4.3.4 [FR4][1]	Vestibules are installed where building entrances separate conditioned space from the exterior, and meet exterior envelope requirements. Doors have self-closing devices, and are >=7 ft apart (>= 16 ft apart for adjoining floor area >= 40000 sq.ft.). Vestibule floor area <=7 SQ.ft. or 2 percent of the adjoining conditioned floor area.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.5.4.3a [FR8][1]	Vertical fenestration U-Factor.	U-____	U-____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
5.5.4.3b [FR9][1]	Skylight fenestration U-Factor.	U-____	U-____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
5.5.4.4.1 [FR10][1]	Vertical fenestration SHGC value.	SHGC:____	SHGC:____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
5.5.4.4.2 [FR11][1]	Skylight SHGC value.	SHGC:____	SHGC:____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
5.8.2.1, 5.8.2.3, 5.8.2.4, 5.8.2.5 [FR12][1]	Fenestration products rated (U-factor, SHGC, and VT) in accordance with NFRC or energy code defaults are used.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.8.2.2 [FR13][1]	Fenestration and door products are labeled, or a signed and dated certificate listing the U-factor, SHGC, VT, and air leakage rate has been provided by the manufacturer.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.5.3.6 [FR14][1]	U-factor of opaque doors associated with the building thermal envelope meets requirements.	U-____ ☐ Swinging ☐ Nonswinging	U-____ ☐ Swinging ☐ Nonswinging	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
5.4.3.1 [FR15][1]	Continuous air barrier is wrapped, sealed, caulked, gasketed, and/or taped in an approved manner, except in semiheated spaces.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
8.4.2 [EL10][2]	At least 50% of all 125 volt 15- and 20-Amp receptacles are controlled by an automatic control device.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
8.4.3 [EL11][2]	New buildings have electrical energy use measurement devices installed. Where tenant spaces exist, each tenant is monitored separately. In buildings with a digital control system the energy use is transmitted to to control system and displayed graphically.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Insulation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
4.2.4 [IN2][1]	Installed roof insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports. For some ceiling systems, verification may need to occur during Framing Inspection.	R-____ ☐ Above deck ☐ Metal ☐ Attic	R-____ ☐ Above deck ☐ Metal ☐ Attic	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
5.8.1.2, 5.8.1.3 [IN3][1]	Roof insulation installed per manufacturer's instructions. Blown or poured loose-fill insulation is installed only where the ceiling slope is <= 3:12.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
4.2.4 [IN6][1]	Installed above-grade wall insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	R-____ ☐ Mass ☐ Metal ☐ Steel ☐ Wood	R-____ ☐ Mass ☐ Metal ☐ Steel ☐ Wood	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
5.8.1.2 [IN7][1]	Above-grade wall insulation installed per manufacturer's instructions.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
4.2.4 [IN8][1]	Installed floor insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	R-____ ☐ Mass ☐ Steel ☐ Wood	R-____ ☐ Mass ☐ Steel ☐ Wood	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
5.8.1.2 [IN9][1]	Floor insulation installed per manufacturer's instructions.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.8.1.1 [IN10][1]	Building envelope insulation is labeled with R-value or insulation certificate has been provided listing R-value and other relevant data.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.8.1.9 [IN18][1]	Building envelope insulation extends over the full area of the component at the proposed rated R or U value.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.8.1.4 [IN11][1]	Eaves are baffled to deflect air to above the insulation.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.8.1.5 [IN12][1]	Insulation is installed in substantial contact with the inside surface separating conditioned space from unconditional space.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.8.1.6 [IN13][1]	Recessed equipment installed in building envelope assemblies does not compress the adjacent insulation.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Insulation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
5.8.1.7.1 [IN15][1]	Attics and mechanical rooms have insulation protected where adjacent to attic or equipment access.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.8.1.7.2 [IN16][1]	Foundation vents do not interfere with insulation.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.8.1.8 [IN17][1]	Insulation intended to meet the roof insulation requirements cannot be installed on top of a suspended ceiling. Mark this requirement compliant if insulation is installed accordingly.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.5.3.7 [IN19][1]	Balconies and parapets that interrupt the building thermal envelope comply with one of the following: 1. Insulated with continuous insulation R-value >= thermal resistance equivalent to the continuous insulation component required in the adjacent wall assembly. Where more than one wall assembly is interrupted by an adjacent balcony, the higher thermal resistance shall be followed. 2. Incorporate >= R-3 thermal break where the structural element penetrates the building thermal envelope.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
5.4.3.3 [FI1][1]	Weatherseals installed on all loading dock cargo doors in Climate Zones 4-8.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
I5 [FI52][2]	Dedicated outdoor air system efficiency package: Buildings with hydronic and/or multiple-zone HVAC systems are equipped with an independent ventilation system designed to provide >= 100-percent outdoor air to each individual occupied space, as specified by the NYC Mechanical Code. The ventilation system is capable of total energy recovery and includes HVAC system controls that manage temperature resets >= 25 percent of delta design supply-air / room-air temp. Reference section details for qualifying systems/equipment.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
5.7.5 [FI58][1]	Air barrier commissioning. Registered or approved agent provides evidence of air barrier commissioning including: 1) Construction documents that include documentation of the continuous air barrier components included in the design and a field inspection checklist that includes all requirements necessary for maintaining air barrier continuity and durability in accordance with Section 5.4.3.1; 2) Reports from field inspections during project construction showing compliance with continuous air barrier requirements. Air barrier continuity shall be determined by testing or inspecting each type of unique air barrier joint or seam in the building envelope for continuity and defects; 3) A final commissioning report indicating compliance with the continuous air barrier requirements shall be provided to the building owner and, upon request, to the code official.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

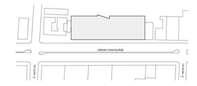
PROFESSIONAL STATEMENT:

TO THE BEST OF MY KNOWLEDGE, THE DSIGN CONTAINED HEREIN COMPLIES WITH 2020 NYCECC BY APPLICATION OF ASHRAE 90.1-2016 AS MODIFIED BY APPENDIX CA.

COMMISSIONING PLAN STATEMENT:

AS PER NYCECC APPENDIX CA (MODIFIED ASHRAE 90.1 2016); SECTION 6.7.2.3 "SYSTEM COMMISSIONING." OWNER SHALL HIRE COMMISSIONING AGENCY TO DEVELOP A COMMISSIONING PLAN. PLAN SHALL EXPLAIN ALL ACTIVITIES TO BE COMPLETED DURING EACH PHASE OF COMMISSIONING. THE PLAN SHALL ALSO LIST SPECIFIC EQUIPMENT AND FUNCTIONS TO BE TESTED, THE CONDITIONS FOR TESTING, AND THE MEASURABLE CRITERIA FOR PERFORMANCE.
COOLING SYSTEM IS IN EXCESS OF 480 MBH AND/OR HEATING IS IN EXCESS OF 600 MBH (SPACE HEATING & HOT WATER COMBINED).
TOTAL COOLING CAPACITY: 3651.4 MBH
SPACE HEATING CAPACITY: 2866 MBH
SVC WTR HTG CAPACITY: 501.08 MBH
(SEE MH EN DWGS)

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
F	10.17.2025	DOB EN ISSUANCE



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENERGY CODE COMPLIANCE

SCALE: PAGE: 14 OF 141

EN-002.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 2:38:38 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

ENERGY - EAST ELEVATIONS		
TYPE	DESCRIPTION	AREA
D-1	INSULATED METAL DOOR	61.46
D-2	GLAZED DOOR	635.14
E-1	EIFS AT STUD WALL ASSEMBLY	17,313.58
E-2	EIFS AT CMU	4,014.11
E-3	EIFS AT CONCRETE COLUMN	3,861.11
E-4	EIFS AT CONCRETE SLAB	2,859.28
E-5	EIFS AT CONCRETE WALL	2,437.85
E-6	EIFS AT PARAPET	4,202.93
G-1	RESIDENTIAL WINDOW FIXED	285.69
G-2	RESIDENTIAL WINDOW OPERABLE	8,352.63
G-3	STOREFRONT GLAZING	315.31
L-1	LOUVER WITH PTAC	1,341.57
L-2	LOUVER WITH BLANK OFF PANEL	2,016.22
L-3	STORM LOUVER WITHIN STOREFRON SYSTEM	292.67
M-4	METAL PANEL AT STOREFRONT ASSEMBLY	120.53
X-6	INSULATION AT CONCRETE BELOW GRADE	216.06
		48,326.14

ENERGY - WEST ELEVATIONS		
TYPE	DESCRIPTION	AREA
C-1	PRECAST CONCRETE PANEL AT STUD WALL ASSEMBLY	16,980.38
C-2	PRECAST CONCRETE PANEL AT CONCRETE COLUMN	3,632.34
C-3	PRECAST CONCRETE PANEL AT CONCRETE SLAB	3,292.15
C-5	PRECAST CONCRETE PANEL AT PARAPET	2,311.38
C-6	PRECAST CONCRETE PANEL AT CONCRETE WALL	381.53
D-1	INSULATED METAL DOOR	81.86
D-2	GLAZED DOOR	427.35
E-2	EIFS AT CMU	678.69
E-3	EIFS AT CONCRETE COLUMN	98.23
E-4	EIFS AT CONCRETE SLAB	71.99
E-5	EIFS AT CONCRETE WALL	110.73
E-6	EIFS AT PARAPET	401.92
G-1	RESIDENTIAL WINDOW FIXED	1,643.33
G-2	RESIDENTIAL WINDOW OPERABLE	9,209.63
G-3	STOREFRONT GLAZING	1,862.98
L-1	LOUVER WITH PTAC	1,365.01
L-2	LOUVER WITH BLANK OFF PANEL	2,099.26
L-3	STORM LOUVER WITHIN STOREFRON SYSTEM	324.12
M-1	METAL PANEL AT STUD WALL ASSEMBLY	864.32
M-2	METAL PANEL AT CONCRETE COLUMN/BEAM	99.83
M-3	METAL PANEL AT CONCRETE SLAB	293.92
M-4	METAL PANEL AT STOREFRONT ASSEMBLY	310.91
M-5	METAL PANEL AT CANOPY	89.78
S-1	STONE BASE AT CONCRETE WALL	80.9
S-2	STONE BASE AT CONCRETE COLUMN	13.35
S-3	STONE BASE AT CONCRETE SLAB	98.97
S-4	STONE BASE AT FOUNDATION WALL	225.23
X-6	INSULATION AT CONCRETE BELOW GRADE	1,790.36
		48,840.40

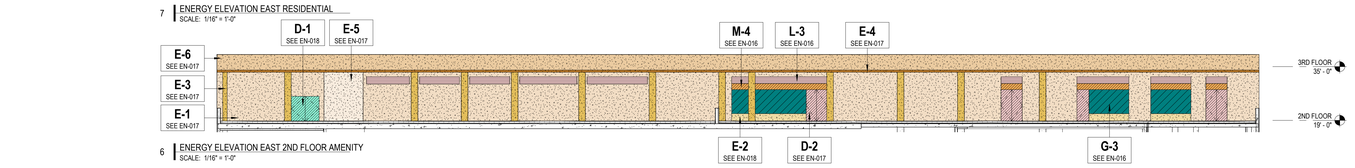
NYC ENERGY CONSEVATION CODE - 2020 EDITION

TABLE II - PROGRESS INSPECTIONS FOR ENERGY CODE COMPLIANCE - COMMERCIAL
THE PROGRESS INSPECTIONS AND TESTS DESCRIBED IN TABLE II SHALL BE PERFORMED FOR BUILDINGS REGULATED BY EITHER ECC CHAPTERS C2 THROUGH C6

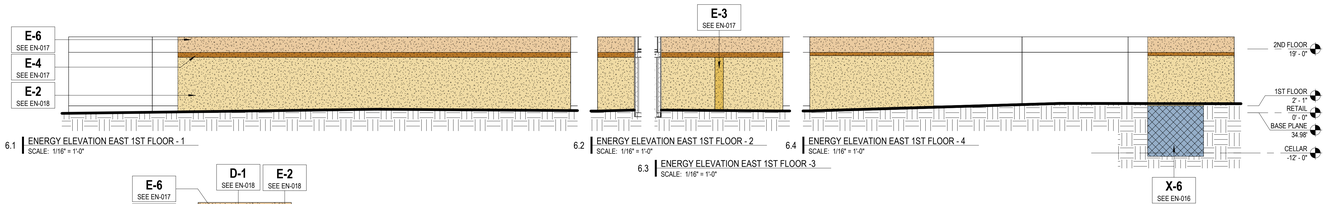
	INSPECTION/TEST	*FREQUENCY (MINIMUM)*	*REFERENCE STANDARD (SEE ECC CHAPTER C6) OR OTHER CRITERIA*	*ECC OR OTHER CITATION*
IIA	ENVELOPE INSPECTIONS			
IIA1	PROTECTION OF EXPOSED FOUNDATION INSULATION: INSULATION MUST BE VISUALLY INSPECTED TO VERIFY PROPER PROTECTION WHERE APPLIED TO THE EXTERIOR OF BASEMENT OR CELLAR WALLS, CRAWL-SPACE WALLS AND/OR THE PERIMETER OF SLAB-ON-GRADE FLOORS.	AS REQUIRED DURING FOUNDATION WORK AND PRIOR TO BACKFILL	APPROVED CONSTRUCTION DOCUMENTS, ASTM C272	C303.2.1; ASHRAE 90.1 – 5.8.1, 5.9
IIA2	INSULATION PLACEMENT AND R_X0002_VALUES: INSTALLED INSULATION FOR EACH COMPONENT OF THE CONDITIONED SPACE ENVELOPE AND AT JUNCTIONS BETWEEN COMPONENTS, INCLUDING THERMAL BRIDGES AND HEATED SLAB INSULATION, MUST BE VISUALLY INSPECTED TO ENSURE THAT THE R_X0002_VALUES ARE MARKED, THAT SUCH R_X0002_VALUES CONFORM TO THE R-VALUES IDENTIFIED IN THE CONSTRUCTION DOCUMENTS AND THAT THE INSULATION IS PROPERLY INSTALLED. CERTIFICATIONS FOR UNMARKED INSULATION ALSO BE VISUALLY INSPECTED.	AS REQUIRED TO VERIFY CONTINUOUS ENCLOSURE WHILE WALLS, CEILINGS AND FLOORS ARE OPEN	APPROVED CONSTRUCTION DOCUMENTS	C303.1, C303.2, C402.1, C402.2, C402.6, C406; ASHRAE 90.1 –5.5, 5.6, 5.8, 5.9, 11 OR APPENDIX G, APPENDIX I
IIA3	FENESTRATION AND DOOR U_X0002_FACTOR AND PRODUCT RATINGS: U-FACTORS, SHGC AND VT VALUES OF INSTALLED FENESTRATION MUST BE VISUALLY INSPECTED FOR CONFORMANCE WITH THE U_X0002_FACTORS, SHGC AND VT VALUES IDENTIFIED IN THE CONSTRUCTION DRAWINGS BY VERIFYING THE MANUFACTURER'S NFRC LABELS OR, WHERE NOT LABELED, USING THE RATINGS IN ECC TABLES C303.1.3(1), (2) AND (3).	AS REQUIRED DURING INSTALLATION	APPROVED CONSTRUCTION DOCUMENTS; NFRC 100, NFRC 200, NFRC 300, ANSI/DASMA 105, ASTM E972	C303.1, C303.1.3, C402.1.4, C402.4, C406; ASHRAE 90.1 –5.4.2, 5.5, 5.6, 5.8.2, 5.9, 11 OR APPENDIX G, APPENDIX I
IIA4	FENESTRATION AIR LEAKAGE: WINDOWS AND DOOR ASSEMBLIES, EXCEPT SITE-BUILT WINDOWS AND/OR DOORS, MUST BE VISUALLY INSPECTED TO VERIFY THAT INSTALLED ASSEMBLIES ARE LISTED AND LABELED BY THE MANUFACTURER TO THE REFERENCED STANDARD. FOR CURTAIN WALL, STOREFRONT GLAZING, COMMERCIAL ENTRANCE DOORS AND REVOLVING DOORS, THE TESTING REPORTS MUST BE REVIEWED TO VERIFY THAT THE INSTALLED ASSEMBLY COMPLIES WITH THE STANDARD CITED IN THE APPROVED PLANS. WEATHERSEALS AT LOADING DOCKS MUST BE VISUALLY VERIFIED.	AS REQUIRED DURING INSTALLATION; PRIOR TO FINAL CONSTRUCTION INSPECTION	NFRC 400, AAMA/WDMA/CSA 101/I.S.2/A440; ASTM E283; ANSI/DASMA 105	C402.5.2, C402.5.6; ASHRAE 90.1 – 5.4.3.2, 5.4.3.3, 5.8.2, 5.9
IIA5	FENESTRATION AREAS: DIMENSIONS OF WINDOWS, DOORS AND SKYLIGHTS MUST BE VERIFIED BY VISUAL INSPECTION.	PRIOR TO FINAL CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	C402.4; ASHRAE 90.1 – 5.4, 5.5.4, 5.6, 5.9, 11 OR APPENDIX G
IIA6	AIR BARRIER VISUAL INSPECTION: OPENINGS AND PENETRATIONS IN THE BUILDING ENVELOPE, INCLUDING SITE-BUILT FENESTRATION AND DOORS, MUST BE VISUALLY INSPECTED TO VERIFY THAT A CONTINUOUS AIR BARRIER AROUND THE ENVELOPE FORMS AN AIR-TIGHT ENCLOSURE. THE PROGRESS INSPECTOR MUST VISUALLY INSPECT TO VERIFY THAT MATERIALS AND/OR ASSEMBLIES HAVE BEEN TESTED AND MEET THE REQUIREMENTS OF THE RESPECTIVE STANDARDS, OR MUST OBSERVE THE TESTING OF THE BUILDING AND/OR ASSEMBLIES AND VERIFY THAT THE BUILDING AND/OR ASSEMBLIES MEET THE REQUIREMENTS OF THE STANDARD, IN ACCORDANCE WITH THE STANDARD(S) CITED IN THE APPROVED PLANS.	AS REQUIRED DURING CONSTRUCTION	APPROVED CONSTRUCTION DOCUMENTS; ASTM E2178, ASTM E2357, ASTM E1677, ASTM E779, ASTM E283.	C402.5; ASHRAE 90.1 – 5.4.3.1, 5.4.3.5, 5.9
IIA7	AIR BARRIER TESTING: TESTING MUST BE PERFORMED IN ACCORDANCE WITH SECTION ECC C402.5.1.3.1 OR ASHRAE 90.1 SECTION 5.4.3.1.3, AND SHALL BE ACCEPTED IF THE BUILDING MEETS THE REQUIREMENTS DETAILED IN SUCH SECTION. TEST RESULTS SHALL BE RETAINED IN ACCORDANCE WITH THE PROVISIONS OF TITLE 28 OF THE ADMINISTRATIVE CODE. TESTING MUST BE PERFORMED BY A THIRD_X0002_PARTY INDEPENDENT OF THE CONTRACTOR AND ACCEPTABLE TO THE DEPARTMENT.	AS REQUIRED DURING CONSTRUCTION, OR PRIOR TO FINAL CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS; ASTM E 779, ANSI/BOMA 265.1, ASTM E3158, RESNET/ICC 380	~ 5.4.3.1.3, 5.9, APPENDIX I
IIA8	AIR BARRIER CONTINUITY PLAN TESTING: EACH UNIQUE AIR BARRIER JOINT OR SEAM MUST BE TESTED OR INSPECTED FOR COMPLIANCE. DOCUMENTATION INCLUDES THE METHOD OF TEST PERFORMED ON EACH UNIQUE AIR BARRIER JOINT OR SEAM AND THE RESULTS OF THE TEST. IF AN AIR BARRIER JOINT OR SEAM HAS A DEFICIENCY, THE DEFICIENCY MUST BE NOTED, AND RETESTED UNTIL IT COMPLIES WITH THE TESTING REQUIREMENTS. TEST RESULTS MUST BE RETAINED IN ACCORDANCE WITH THE PROVISIONS OF TITLE 28 OF THE ADMINISTRATIVE CODE. TESTING MUST BE PERFORMED BY A THIRD-PARTY INDEPENDENT OF THE CONTRACTOR AND ACCEPTABLE TO THE DEPARTMENT.	AS REQUIRED DURING CONSTRUCTION	APPROVED CONSTRUCTION DOCUMENTS; ASTM E779, ASTM E1186, ASTM E2813, ASTM E3158	C402.5.1.3; ASHRAE 90.1 – 5.4.3.1.3, 5.9

8 ENERGY ELEVATION EAST RESIDENTIAL 1
SCALE: 1/16" = 1'-0"

7 ENERGY ELEVATION EAST RESIDENTIAL
SCALE: 1/16" = 1'-0"



6 ENERGY ELEVATION EAST 2ND FLOOR AMENITY
SCALE: 1/16" = 1'-0"

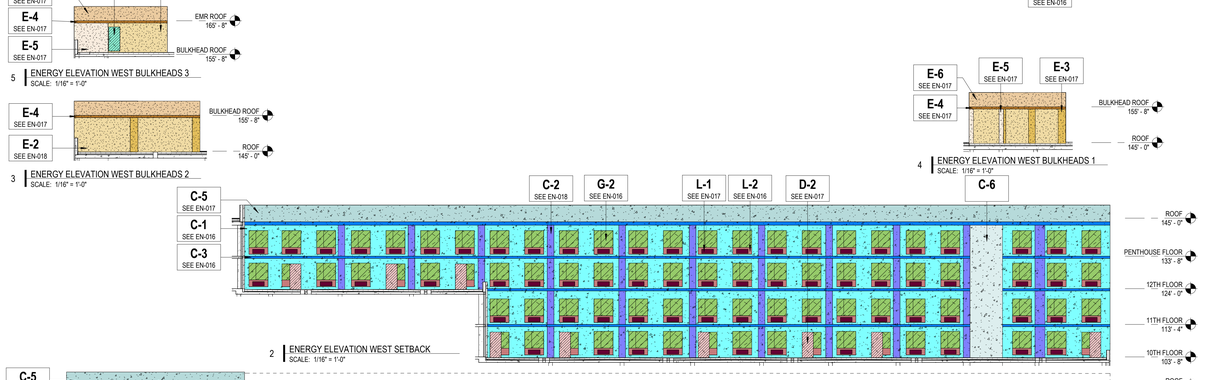


6.1 ENERGY ELEVATION EAST 1ST FLOOR - 1
SCALE: 1/16" = 1'-0"

6.2 ENERGY ELEVATION EAST 1ST FLOOR - 2
SCALE: 1/16" = 1'-0"

6.4 ENERGY ELEVATION EAST 1ST FLOOR - 4
SCALE: 1/16" = 1'-0"

6.3 ENERGY ELEVATION EAST 1ST FLOOR -3
SCALE: 1/16" = 1'-0"



5 ENERGY ELEVATION WEST BULKHEADS 3
SCALE: 1/16" = 1'-0"

3 ENERGY ELEVATION WEST BULKHEADS 2
SCALE: 1/16" = 1'-0"

4 ENERGY ELEVATION WEST BULKHEADS 1
SCALE: 1/16" = 1'-0"

2 ENERGY ELEVATION WEST SETBACK
SCALE: 1/16" = 1'-0"

1 ENERGY ELEVATION WEST
SCALE: 1/16" = 1'-0"

MATERIAL LEGEND

- C-1 PRECAST CONCRETE PANEL AT STUD WALL ASSEMBLY
- C-2 PRECAST CONCRETE PANEL AT CONCRETE COLUMN
- C-3 PRECAST CONCRETE PANEL AT CONCRETE SLAB
- C-4 PRECAST CONCRETE PANEL AT CMU
- C-5 PRECAST CONCRETE PANEL AT PARAPET
- C-6 PRECAST CONCRETE PANEL AT CONCRETE WALL
- D-1 INSULATED METAL DOOR
- D-2 GLAZED DOOR
- E-1 EIFS AT STUD WALL ASSEMBLY
- E-2 EIFS AT CMU
- E-3 EIFS AT CONCRETE COLUMN
- E-4 EIFS AT CONCRETE SLAB
- E-5 EIFS AT CONCRETE WALL
- E-6 EIFS AT PARAPET
- G-1 RESIDENTIAL WINDOW FIXED
- G-2 RESIDENTIAL WINDOW OPERABLE
- G-3 STOREFRONT GLAZING
- G-4 INTERIOR GLAZING
- I-1 EIFS AT INTERIOR
- I-2 RIGID INSULATION AT INTERIOR
- I-3 MINERAL WOOL AT INTERIOR
- L-1 LOUVER WITH PTAC
- L-2 LOUVER WITH BLANK OFF PANEL
- L-3 STORM LOUVER WITHIN STOREFRON SYSTEM
- M-1 METAL PANEL AT STUD WALL ASSEMBLY
- M-2 METAL PANEL AT CONCRETE COLUMN/BEAM
- M-3 METAL PANEL AT CONCRETE SLAB
- M-4 METAL PANEL AT STOREFRONT ASSEMBLY
- M-5 METAL PANEL AT CANOPY
- S-1 STONE BASE AT CONCRETE WALL
- S-2 STONE BASE AT CONCRETE COLUMN
- S-3 STONE BASE AT CONCRETE SLAB
- S-4 STONE BASE AT FOUNDATION WALL
- X-1 INSULATION AT CONCRETE WALL
- X-2 INSULATION AT CONCRETE SLAB
- X-3 INSULATION AT CMU
- X-4 INSULATION AT PARAPET
- X-5 INSULATION AT CONCRETE COLUMN
- X-6 INSULATION AT CONCRETE BELOW GRADE

NOTE:

HEIGHTS ARE MEASURED FROM THE FLOOD RESISTANT CONSTRUCTION ELEVATION (+12'-0") AS PER ZR 64-131. FLOOD RESISTANT CONSTRUCTION ELEVATION + BASE ELEVATION (+11") + 1' =12 FT.

1. ALL GLAZING ASSEMBLY SYSTEMS WILL BE TESTED AND INDEPENDENTLY CERTIFIED THAT THEY HAVE BEEN FURNISHED AND INSTALLED TO MEET THE VALUES AND SPECIFICATIONS INDICATED.
2. TO THE BEST OF MY KNOWLEDGE, BELIEF & PROFESSIONAL JUDGEMENT, ALL WORK UNDER THIS APPLICATION IS IN COMPLIANCE WITH THE 2020 NYCECC.
3. FOR ENLARGED SECTION & PLAN DETAILS REFER TO SHEETS A-500S

PROFESSIONAL STATEMENT

TO THE BEST OF MY KNOWLEDGE, THE DSIGN CONTAINED HEREIN COMPLIES WITH 2020 NYCECC BY APPLICATION OF ASHRAE 90.1-2016 AS MODIFIED BY APPENDIX CA.

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
F	10.17.2025	DOB EN ISSUANCE

KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:
ENERGY CODE ELEVATIONS - EAST, WEST

SCALE: As indicated PAGE: 19 OF 141

EN-010.00

DOB SCAN STICKER

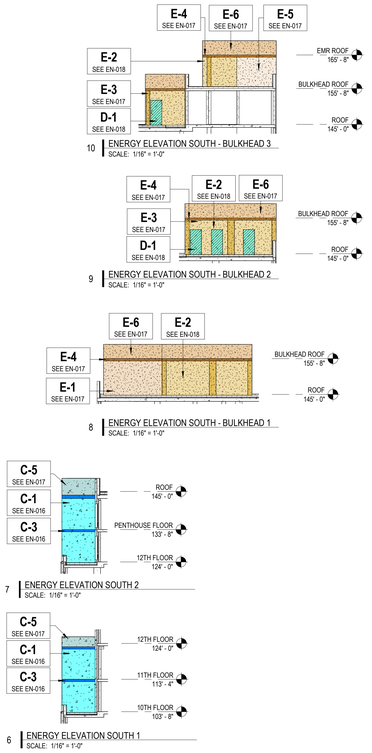
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 2:38:46 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



ENERGY - NORTH ELEVATIONS

TYPE	DESCRIPTION	AREA
C-3	PRECAST CONCRETE PANEL AT CONCRETE SLAB	85.35
C-4	PRECAST CONCRETE PANEL AT CMU	953.66
C-5	PRECAST CONCRETE PANEL AT PARAPET	37.08
D-1	INSULATED METAL DOOR	71.8
E-1	EIFS AT STUD WALL ASSEMBLY	242.7
E-2	EIFS AT CMU	2,159.1
E-3	EIFS AT CONCRETE COLUMN	267.01
E-4	EIFS AT CONCRETE SLAB	324.62
E-5	EIFS AT CONCRETE WALL	5,384.59
E-6	EIFS AT PARAPET	574.79
S-4	STONE BASE AT FOUNDATION WALL	13.17
X-1	INSULATION AT CONCRETE WALL	1,499.2
X-2	INSULATION AT CONCRETE SLAB	35.13
X-3	INSULATION AT CMU	282.94
X-4	INSULATION AT PARAPET	58.97
X-5	INSULATION AT CONCRETE COLUMN	77.81
X-6	INSULATION AT CONCRETE BELOW GRADE	1,372.33
		13,440.25

ENERGY - SOUTH ELEVATIONS

TYPE	DESCRIPTION	AREA
C-1	PRECAST CONCRETE PANEL AT STUD WALL ASSEMBLY	357.57
C-3	PRECAST CONCRETE PANEL AT CONCRETE SLAB	29.75
C-5	PRECAST CONCRETE PANEL AT PARAPET	79.33
D-1	INSULATED METAL DOOR	99.03
E-1	EIFS AT STUD WALL ASSEMBLY	178.7
E-2	EIFS AT CMU	1,057.55
E-3	EIFS AT CONCRETE COLUMN	209.68
E-4	EIFS AT CONCRETE SLAB	378.87
E-5	EIFS AT CONCRETE WALL	2,607.77
E-6	EIFS AT PARAPET	914.59
G-2	RESIDENTIAL WINDOW OPERABLE	102.06
X-1	INSULATION AT CONCRETE WALL	3,559.59
X-2	INSULATION AT CONCRETE SLAB	453.15
X-3	INSULATION AT CMU	307.75
X-5	INSULATION AT CONCRETE COLUMN	112.89
		10,448.28

MATERIAL LEGEND

C-1	PRECAST CONCRETE PANEL AT STUD WALL ASSEMBLY
C-2	PRECAST CONCRETE PANEL AT CONCRETE COLUMN
C-3	PRECAST CONCRETE PANEL AT CONCRETE SLAB
C-4	PRECAST CONCRETE PANEL AT CMU
C-5	PRECAST CONCRETE PANEL AT PARAPET
C-6	PRECAST CONCRETE PANEL AT CONCRETE WALL
D-1	INSULATED METAL DOOR
D-2	GLAZED DOOR
E-1	EIFS AT STUD WALL ASSEMBLY
E-2	EIFS AT CMU
E-3	EIFS AT CONCRETE COLUMN
E-4	EIFS AT CONCRETE SLAB
E-5	EIFS AT CONCRETE WALL
E-6	EIFS AT PARAPET
G-1	RESIDENTIAL WINDOW FIXED
G-2	RESIDENTIAL WINDOW OPERABLE
G-3	STOREFRONT GLAZING
G-4	INTERIOR GLAZING
I-1	EIFS AT INTERIOR
I-2	RIGID INSULATION AT INTERIOR
I-3	MINERAL WOOL AT INTERIOR
L-1	LOUVER WITH PTAC
L-2	LOUVER WITH BLANK OFF PANEL
L-3	STORM LOUVER WITHIN STOREFRON SYSTEM
M-1	METAL PANEL AT STUD WALL ASSEMBLY
M-2	METAL PANEL AT CONCRETE COLUMN/BEAM
M-3	METAL PANEL AT CONCRETE SLAB
M-4	METAL PANEL AT STOREFRONT ASSEMBLY
M-5	METAL PANEL AT CANOPY
S-1	STONE BASE AT CONCRETE WALL
S-2	STONE BASE AT CONCRETE COLUMN
S-3	STONE BASE AT CONCRETE SLAB
S-4	STONE BASE AT FOUNDATION WALL
X-1	INSULATION AT CONCRETE WALL
X-2	INSULATION AT CONCRETE SLAB
X-3	INSULATION AT CMU
X-4	INSULATION AT PARAPET
X-5	INSULATION AT CONCRETE COLUMN
X-6	INSULATION AT CONCRETE BELOW GRADE

NOTE:

HEIGHTS ARE MEASURED FROM THE FLOOD RESISTANT CONSTRUCTION ELEVATION (+12'-0") AS PER ZR 64-131. FLOOD RESISTANT CONSTRUCTION ELEVATION = BASE ELEVATION (+11') + 1'-12 FT.

1. ALL GLAZING ASSEMBLY SYSTEMS WILL BE TESTED AND INDEPENDENTLY CERTIFIED THAT THEY HAVE BEEN FURNISHED AND INSTALLED TO MEET THE VALUES AND SPECIFICATIONS INDICATED.
2. TO THE BEST OF MY KNOWLEDGE, BELIEF & PROFESSIONAL JUDGEMENT, ALL WORK UNDER THIS APPLICATION IS IN COMPLIANCE WITH THE 2020 NYCECC.
3. FOR ENLARGED SECTION & PLAN DETAILS REFER TO SHEETS A-500S

PROFESSIONAL STATEMENT

TO THE BEST OF MY KNOWLEDGE, THE DSIGN CONTAINED HEREIN COMPLIES WITH 2020 NYCECC BY APPLICATION OF ASHRAE 90.1-2016 AS MODIFIED BY APPENDIX CA.

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
F	10.17.2025	DOB EN ISSUANCE

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

ENERGY CODE ELEVATIONS - NORTH, SOUTH

SCALE: As indicated PAGE: 20 OF 141

EN-011.00

DOB SCAN STICKER

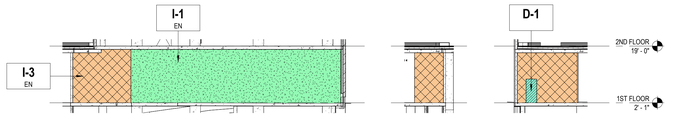
SEAL

CONSTRUCTION DOCUMENTS NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

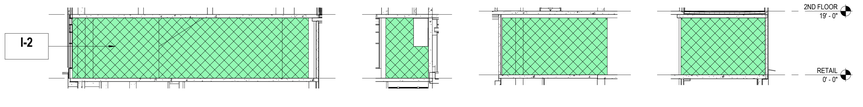
11/7/2025 2:30:51 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



27 ENERGY ELEVATION SOUTH6
SCALE: 1/16" = 1'-0"

28 ENERGY ELEVATION SOUTH7
SCALE: 1/16" = 1'-0"

29 ENERGY ELEVATION SOUTH8
SCALE: 1/16" = 1'-0"

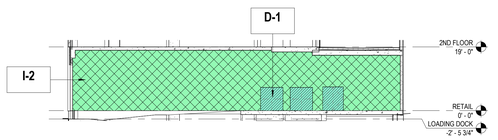


23 ENERGY ELEVATION SOUTH2
SCALE: 1/16" = 1'-0"

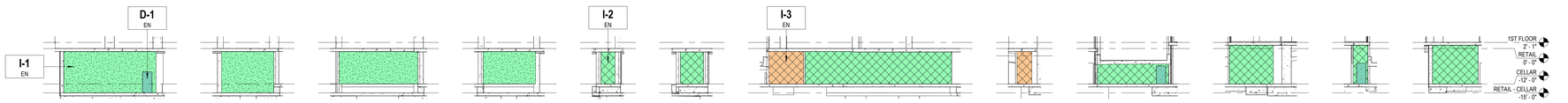
24 ENERGY ELEVATION SOUTH3
SCALE: 1/16" = 1'-0"

26 ENERGY ELEVATION SOUTH5
SCALE: 1/16" = 1'-0"

25 ENERGY ELEVATION SOUTH4
SCALE: 1/16" = 1'-0"



22 ENERGY ELEVATION SOUTH1
SCALE: 1/16" = 1'-0"



10 ENERGY ELEVATION RESIDENTIAL CELLAR 1
SCALE: 1/16" = 1'-0"

11 ENERGY ELEVATION RESIDENTIAL CELLAR 2
SCALE: 1/16" = 1'-0"

12 ENERGY ELEVATION RESIDENTIAL CELLAR 3
SCALE: 1/16" = 1'-0"

13 ENERGY ELEVATION RESIDENTIAL CELLAR 4
SCALE: 1/16" = 1'-0"

14 ENERGY ELEVATION RESIDENTIAL CELLAR 5
SCALE: 1/16" = 1'-0"

15 ENERGY ELEVATION RESIDENTIAL CELLAR 6
SCALE: 1/16" = 1'-0"

16 ENERGY ELEVATION RESIDENTIAL CELLAR 7
SCALE: 1/16" = 1'-0"

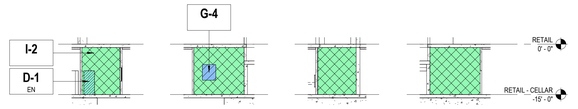
17 ENERGY ELEVATION RESIDENTIAL CELLAR 8
SCALE: 1/16" = 1'-0"

18 ENERGY ELEVATION RESIDENTIAL CELLAR 9
SCALE: 1/16" = 1'-0"

19 ENERGY ELEVATION RESIDENTIAL CELLAR 10
SCALE: 1/16" = 1'-0"

20 ENERGY ELEVATION RESIDENTIAL CELLAR 11
SCALE: 1/16" = 1'-0"

21 ENERGY ELEVATION RESIDENTIAL CELLAR 12
SCALE: 1/16" = 1'-0"

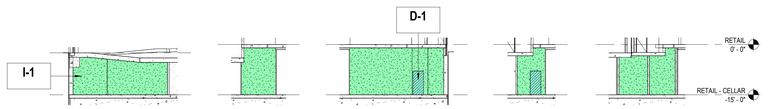


6 ENERGY ELEVATION ATTENDANT OFFICE 1
SCALE: 1/16" = 1'-0"

7 ENERGY ELEVATION ATTENDANT OFFICE 2
SCALE: 1/16" = 1'-0"

8 ENERGY ELEVATION ATTENDANT OFFICE 3
SCALE: 1/16" = 1'-0"

9 ENERGY ELEVATION ATTENDANT OFFICE 4
SCALE: 1/16" = 1'-0"



1 ENERGY ELEVATION STAIR B 1
SCALE: 1/16" = 1'-0"

2 ENERGY ELEVATION STAIR B 2
SCALE: 1/16" = 1'-0"

3 ENERGY ELEVATION STAIR B 3
SCALE: 1/16" = 1'-0"

4 ENERGY ELEVATION STAIR B 4
SCALE: 1/16" = 1'-0"

5 ENERGY ELEVATION STAIR B 5
SCALE: 1/16" = 1'-0"

ENERGY - INTERIOR WALLS

TYPE	DESCRIPTION	AREA
D-1	INSULATED METAL DOOR	289.84
G-4	INTERIOR GLAZING	18.67
I-1	EIFS AT INTERIOR	3,218.81
I-2	RIGID INSULATION AT INTERIOR	5,944.72
I-3	MINERAL WOOL AT INTERIOR	557.29
		10,029.33

11/7/2025 2:39:05 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

MATERIAL LEGEND

C-1	PRECAST CONCRETE PANEL AT STUD WALL ASSEMBLY
C-2	PRECAST CONCRETE PANEL AT CONCRETE COLUMN
C-3	PRECAST CONCRETE PANEL AT CONCRETE SLAB
C-4	PRECAST CONCRETE PANEL AT CMU
C-5	PRECAST CONCRETE PANEL AT PARAPET
C-6	PRECAST CONCRETE PANEL AT CONCRETE WALL
D-1	INSULATED METAL DOOR
D-2	GLAZED DOOR
E-1	EIFS AT STUD WALL ASSEMBLY
E-2	EIFS AT CMU
E-3	EIFS AT CONCRETE COLUMN
E-4	EIFS AT CONCRETE SLAB
E-5	EIFS AT CONCRETE WALL
E-6	EIFS AT PARAPET
G-1	RESIDENTIAL WINDOW FIXED
G-2	RESIDENTIAL WINDOW OPERABLE
G-3	STOREFRONT GLAZING
G-4	INTERIOR GLAZING
I-1	EIFS AT INTERIOR
I-2	RIGID INSULATION AT INTERIOR
I-3	MINERAL WOOL AT INTERIOR
L-1	LOUVER WITH PTAC
L-2	LOUVER WITH BLANK OFF PANEL
L-3	STORM LOUVER WITHIN STOREFRON SYSTEM
M-1	METAL PANEL AT STUD WALL ASSEMBLY
M-2	METAL PANEL AT CONCRETE COLUMN/BEAM
M-3	METAL PANEL AT CONCRETE SLAB
M-4	METAL PANEL AT STOREFRONT ASSEMBLY
M-5	METAL PANEL AT CANOPY
S-1	STONE BASE AT CONCRETE WALL
S-2	STONE BASE AT CONCRETE COLUMN
S-3	STONE BASE AT CONCRETE SLAB
S-4	STONE BASE AT FOUNDATION WALL
X-1	INSULATION AT CONCRETE WALL
X-2	INSULATION AT CONCRETE SLAB
X-3	INSULATION AT CMU
X-4	INSULATION AT PARAPET
X-5	INSULATION AT CONCRETE COLUMN
X-6	INSULATION AT CONCRETE BELOW GRADE

NOTE:

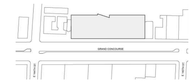
HEIGHTS ARE MEASURED FROM THE FLOOD RESISTANT CONSTRUCTION ELEVATION (+12'-0") AS PER ZR 64-131. FLOOD RESISTANT CONSTRUCTION ELEVATION = BASE ELEVATION (+11') + 1'-1/2 FT.

1. ALL GLAZING ASSEMBLY SYSTEMS WILL BE TESTED AND INDEPENDENTLY CERTIFIED THAT THEY HAVE BEEN FURNISHED AND INSTALLED TO MEET THE VALUES AND SPECIFICATIONS INDICATED.
2. TO THE BEST OF MY KNOWLEDGE, BELIEF & PROFESSIONAL JUDGEMENT, ALL WORK UNDER THIS APPLICATION IS IN COMPLIANCE WITH THE 2020 NYCECC.
3. FOR ENLARGED SECTION & PLAN DETAILS REFER TO SHEETS A-500S

PROFESSIONAL STATEMENT

TO THE BEST OF MY KNOWLEDGE, THE DSIGN CONTAINED HEREIN COMPLIES WITH 2020 NYCECC BY APPLICATION OF ASHRAE 90.1-2016 AS MODIFIED BY APPENDIX CA.

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
F	10.17.2025	DOB EN ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENERGY CODE ELEVATIONS - INTERIOR

SCALE: As indicated PAGE: 20 OF 141

EN-012.00

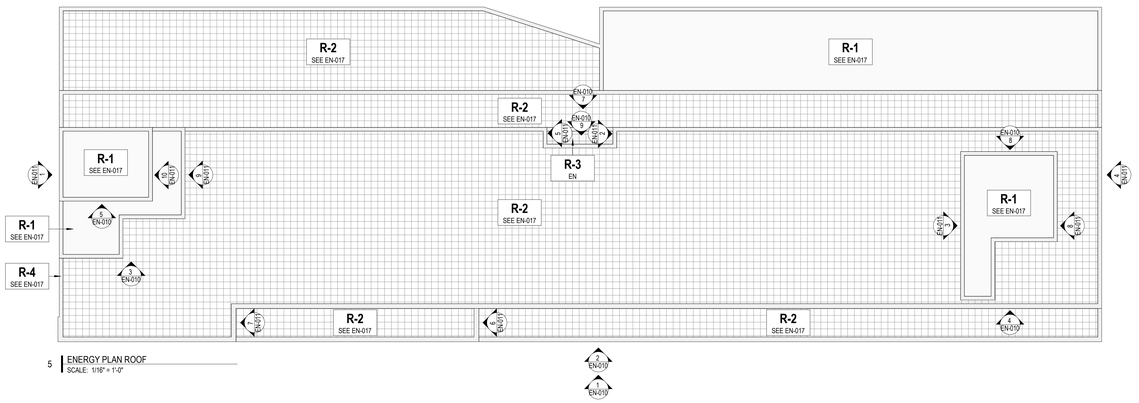
DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

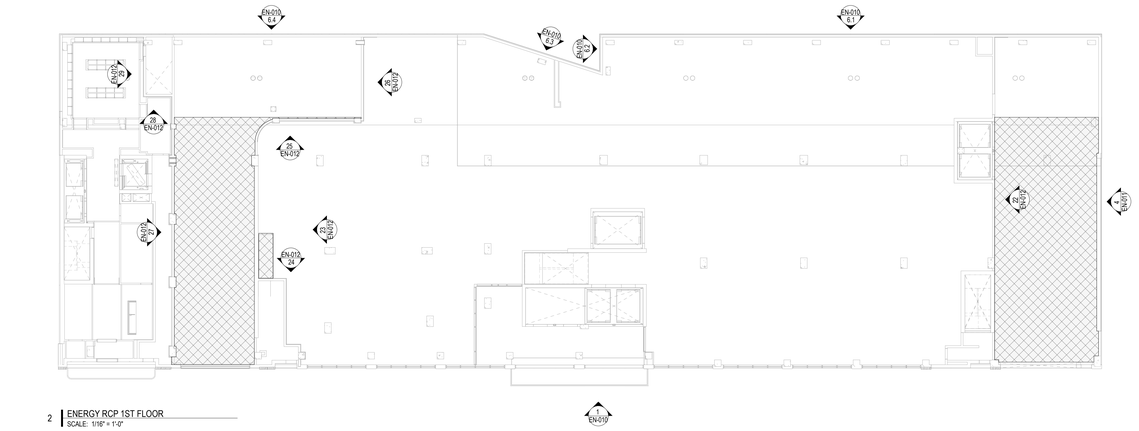
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC



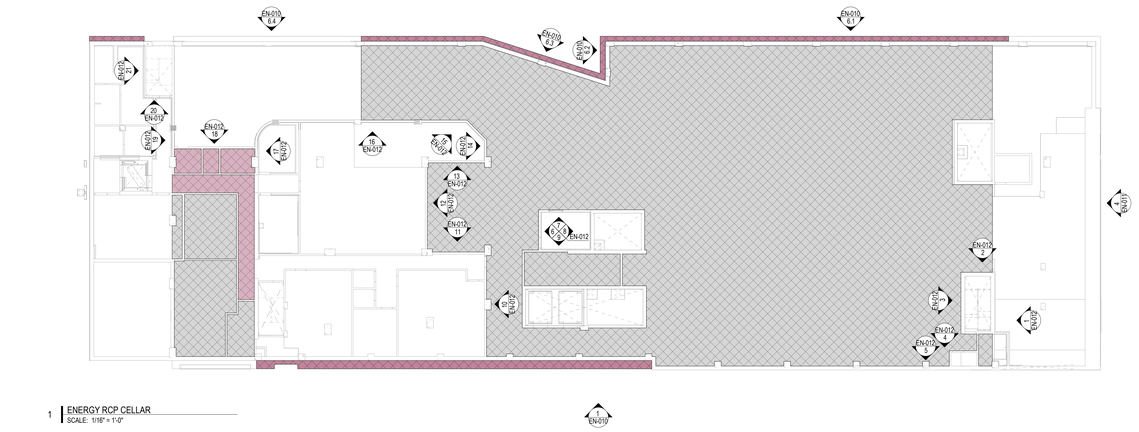
5 ENERGY PLAN ROOF
SCALE: 1/16" = 1'-0"

ENERGY - ROOF		
TYPE	DESCRIPTION	AREA
R-1	CONVENTIONAL ROOFING SYSTEM	5,306.59
R-2	INVERTED ROOF MEMBRANE ASSEMBLY (6" INSULATION)	22,904.1
R-3	INVERTED ROOF MEMBRANE ASSEMBLY (4" INSULATION)	76
		28,286.69



2 ENERGY RCP 1ST FLOOR
SCALE: 1/16" = 1'-0"

ENERGY - CEILING OVER 1ST FLOOR			
TYPE	DESCRIPTION		AREA
F-1	UNDERSLAB INSULATION	(6" INSULATION)	4,063.02
			4,063.02



1 ENERGY RCP CELLAR
SCALE: 1/16" = 1'-0"

ENERGY - CEILING OVER CELLAR			
TYPE	DESCRIPTION		AREA
F-1	UNDERSLAB INSULATION	(6" INSULATION)	1,420.25
F-2	UNDERSLAB INSULATION	(5" INSULATION)	449.8
F-3	BELOW GRADE INSULATION		610.12
			2,480.17

MATERIAL LEGEND

R-1	CONVENTIONAL ROOFING SYSTEM
R-2	INVERTED ROOF MEMBRANE ASSEMBLY (6" INSULATION)
R-3	INVERTED ROOF MEMBRANE ASSEMBLY (4" INSULATION)
R-4	ROOF PARAPET
F-1	UNDERSLAB INSULATION (6" INSULATION)
F-2	UNDERSLAB INSULATION (5" INSULATION)
F-3	BELOW GRADE INSULATION

NOTE:

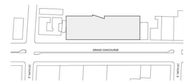
HEIGHTS ARE MEASURED FROM THE FLOOD RESISTANT CONSTRUCTION ELEVATION (+12'-0") AS PER ZR 64-131. FLOOD RESISTANT CONSTRUCTION ELEVATION = BASE ELEVATION (+11') + 1' =12 FT.

1. ALL GLAZING ASSEMBLY SYSTEMS WILL BE TESTED AND INDEPENDENTLY CERTIFIED THAT THEY HAVE BEEN FURNISHED AND INSTALLED TO MEET THE VALUES AND SPECIFICATIONS INDICATED.
2. TO THE BEST OF MY KNOWLEDGE, BELIEF & PROFESSIONAL JUDGEMENT, ALL WORK UNDER THIS APPLICATION IS IN COMPLIANCE WITH THE 2020 NYCECC.
3. FOR ENLARGED SECTION & PLAN DETAILS REFER TO SHEETS A-500S

PROFESSIONAL STATEMENT

TO THE BEST OF MY KNOWLEDGE, THE DSIGN CONTAINED HEREIN COMPLIES WITH 2020 NYCECC BY APPLICATION OF ASHRAE 90.1-2016 AS MODIFIED BY APPENDIX CA.

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
F	10.17.2025	DOB EN ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENERGY CODE PLANS

SCALE: As indicated PAGE: 22 OF 141

EN-013.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 2:31:03 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

GENERAL REQUIREMENTS:

THE BUILDING THERMAL ENVELOPE SHALL BE DURABLY SEALED TO LIMIT INFILTRATION. THE AIR BARRIER SHALL BE CONTINUOUS FOR ALL ASSEMBLIES THAT ARE THE THERMAL ENVELOPE OF THE BUILDING AND ACROSS THE JOINTS AND ASSEMBLIES. AIR BARRIER JOINTS AND SEAMS SHALL BE SEALED, INCLUDING SEALING TRANSITIONS IN PLACES AND CHANGES IN MATERIALS. THE JOINTS AND SEALS SHALL BE SECURELY INSTALLED IN OR ON THE JOINT FOR ITS ENTIRE LENGTH SO AS NOT TO DISLODGE, LOOSEN OR OTHERWISE IMPAIR ITS ABILITY TO RESIST POSITIVE AND NEGATIVE PRESSURE FROM WIND, STACK EFFECT AND MECHANICAL VENTILATION. PENETRATIONS OF THE AIR BARRIER SHALL BE CAULKED, GASKETED OR OTHERWISE SEALED IN A MANNER COMPATIBLE WITH THE CONSTRUCTION MATERIALS AND LOCATION. JOINTS AND SEALS ASSOCIATED WITH PENETRATIONS SHALL BE SEALED IN THE SAME MANNER OR TAPED OR COVERED WITH MOISTURE VAPOR-PERMEABLE WRAPPING MATERIAL. SEALING MATERIALS SHALL BE APPROPRIATE TO THE CONSTRUCTION MATERIALS BEING SEALED AND SHALL BE SECURELY INSTALLED AROUND THE PENETRATION SO AS NOT TO DISLODGE, LOOSEN OR OTHERWISE IMPAIR THE PENETRATIONS' ABILITY TO RESIST POSITIVE AND NEGATIVE PRESSURE FROM WIND, STACK EFFECT AND MECHANICAL VENTILATION. SEALING OF CONCEALED FIRE SPRINKLERS, WHERE REQUIRED, SHALL BE IN A MANNER THAT IS RECOMMENDED BY THE MANUFACTURER. CAULKING OR OTHER ADHESIVE SEALANTS SHALL NOT BE USED TO FILL VOIDS BETWEEN FIRE SPRINKLER COVER PLATES AND WALLS OR CEILINGS. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSION AND CONTRACTION.

THE FOLLOWING SHALL BE CAULKED, GASKETED, WEATHER STRIPPED OR OTHERWISE SEALED WITH AN AIR BARRIER MATERIAL, SUITABLE FILM OR SOLID MATERIAL:

- ALL JOINTS, SEAMS, AND PENETRATIONS
- SITE-BUILT WINDOWS, CURTAIN WALLS, DOORS, AND SKYLIGHTS
- OPENINGS BETWEEN WINDOW AND DOOR ASSEMBLIES AND THEIR RESPECTIVE JAMBS AND FRAMING
- UTILITY PENETRATIONS
- DROPPED CEILINGS OR CHASES ADJACENT TO THE THERMAL ENVELOPE
- WALLS AND CEILINGS SEPARATING THE GARAGE FROM OTHER SPACES
- BEHIND TUBS AND SHOWERS ON EXTERIOR WALLS
- COMMON WALLS BETWEEN DWELLING UNITS

AIR BARRIER MEMBRANE:

GENERAL:
- REFER TO EXTERIOR WALL SECTION DETAIL SHEETS, ROOF DETAILS AND HVAC, FP AND PLUMBING DRAWINGS FOR DETAILS
- PENETRATIONS, SUBSTRATE TRANSITIONS, AND CONNECTIONS AROUND WINDOW AND DOOR FLASHINGS ARE AN ESSENTIAL AND CRITICAL ELEMENT TO MANAGE WATER, AIR, VAPOR, AND DRAINAGE TO THE EXTERIOR. THE AIR BARRIER MEMBRANE SHALL BE COMPLETED TO SEAL AIR LEAKAGE PATHWAYS AND GAPS.
- TYPICAL AIR LEAKAGE PATHWAYS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
  - CONNECTIONS OF THE WALL TO ROOF
  - CONNECTIONS OF THE WALL TO FOUNDATION
  - SEISMIC AND EXPANSION JOINTS
  - WINDOW AND DOOR ROUGH OPENINGS
  - PIPE PENETRATIONS
  - FASTENER AND BOLT PENETRATIONS

PREPARATION:
- APPROPRIATE SUBSTRATE CONDITIONS ARE CRITICAL TO OBTAIN PROPER ADHESION; BE SURE SURFACES ARE READY FOR PRODUCT INSTALLATION AND ARE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION GUIDELINES. DO NOT INSTALL UNTIL SUBSTRATE CONDITIONS ARE IN ACCORDANCE WITH THIS INSTALLATION GUIDELINE. SUBSTRATE MUST BE CONTINUOUS AND SECURE.
- MECHANICAL FASTENERS USED TO SECURE SUBSTRATE SHALL BE SET FLUSH WITH SUBSTRATE AND SECURED INTO SOLID BACKING.
- CONCRETE AND CMU SUBSTRATES:
  - FILL VOIDS, GAPS, AND SPALLED AREAS IN SUBSTRATE TO PROVIDE AN EVEN PLANE.
  - STRIKE MASONRY JOINTS FULL-FLUSH.
  - CURING COMPOUNDS OR RELEASE AGENTS USED IN CONCRETE CONSTRUCTION MUST BE RESIN BASED WITHOUT OIL, WAX, OR PIGMENTS.
  - NEW CONCRETE SHOULD BE CURED FOR A MINIMUM OF FOURTEEN (14) DAYS AND MUST BE DRY PRIOR TO PRIMER APPLICATION. REFER TO PRIMER SECTION OF THIS INSTALLATION GUIDELINE FOR APPLICATION REQUIREMENTS.
- ADJACENT OR MULTIPLE PIPE PENETRATIONS THROUGH SHEATHING SHOULD BE SUFFICIENTLY SPACED APART, TYPICALLY 4-6 INCHES, TO ALLOW PROPER DETAILING OF INDIVIDUAL PIPES.
- PROVIDE PRIMER WHERE ENHANCED ADHESION IS NEEDED PER MANUFACTURER GUIDELINES. REFER TO INDIVIDUAL PRODUCT TDS FOR RECOMMENDED PRIMER INSTALLATION RATES AND CURE TIMES PRIOR TO INSTALLATION. ALLOW PRIMER TO PROPERLY CURE PRIOR TO COVERING.

INSTALLATION. GENERAL:
- FULLY ADHERE THE COMMERCIAL SELF-ADHERED VAPOR PERMEABLE, WATER RESISTIVE AIR BARRIER TO THE WALL SUBSTRATE IN A 'SHINGLE' FASHION.

SELF-ADHERED FLASHING INSTALLATION:
- PREPARE AND PRIME SURFACES PER MANUFACTURER INSTALLATION GUIDELINES AND RECOMMENDATIONS.
- INSTALL IN A MANNER TO ELIMINATE WRINKLES AND AIR BUBBLES.
- INSTALL FLASHINGS IN SHINGLE FASHION TO ELIMINATE REVERSE LAPS.
- WHERE ENHANCED ADHESION IS NEEDED, PRIME LAPS ENSURING COMPLETE COVERAGE OF ANTICIPATED LAP INSTALLATION. REFER TO RELEVANT PRIMER TDS FOR RECOMMENDED APPLICATION RATES.
- LAP ADJOINING EDGES A MINIMUM OF TWO (2) INCHES.

AIR BARRIER MEMBRANE INSTALLATION:
- PREPARE AND PRIME SURFACES PER MANUFACTURER INSTALLATION GUIDELINES AND RECOMMENDATIONS.
- INSTALL IN A MANNER TO ELIMINATE WRINKLES AND AIR BUBBLES.
- INSTALL AIR BARRIER MEMBRANE IN SHINGLE FASHION TO ELIMINATE REVERSE LAPS.
- WHERE ENHANCED ADHESION IS NEEDED, PRIME LAPS ENSURING COMPLETE COVERAGE OF ANTICIPATED LAP INSTALLATION. REFER TO RELEVANT PRIMER TDS FOR RECOMMENDED APPLICATION RATES.
- LAP ADJOINING HORIZONTAL EDGES A MINIMUM OF TWO (2) INCHES AND VERTICAL EDGES A MINIMUM OF THREE (3) INCHES.
- ROLL AIR BARRIER MEMBRANE AND LAPS WITH COUNTERTOP ROLLER TO OBTAIN THOROUGH ADHESION.
- SEAL PERMANENTLY EXPOSED REVERSE LAPS OF AIR BARRIER MEMBRANE WITH MANUFACTURER APPROVED SEALANT.

ADJACENT MATERIAL ATTACHMENT AND FASTENER PENETRATIONS:
- INSTALL FASTENERS AND COMPONENTS TO PRODUCE A SEAL AROUND THE POINT OF PENETRATION BY CREATING A CONTINUOUS COMPRESSION THEREBY MAINTAINING CONTINUITY IN THE WRB.
- FASTENERS AND COMPONENTS UNABLE TO CREATE A SEAL AS DESCRIBED IN THIS INSTALLATION GUIDELINE REQUIRE SUPPLEMENTAL SEALANT TO FULLY ENCAPSULATE THE HOLE CREATED AT THE POINT OF WRB PENETRATION.

FASTENER PENETRATIONS THROUGH AIR BARRIER MEMBRANE:
- SELF-TAPPING FASTENERS
  - FASTENER HEAD MUST BE LARGER IN DIAMETER THAN THE SHANK.
  - INSTALL FASTENERS PERPENDICULAR TO THE SUBSTRATE UNTIL FLUSH WITH THE WRB.
  - INSTALL FASTENERS TO PROVIDE A CONTINUOUS COMPRESSION FIRMLY AGAINST THE WRB, CREATING A GASKETING SEAL WITHOUT DAMAGING THEMEMBRANE.
  - DO NOT INSTALL FASTENERS OVER UNSUPPORTED AREAS OF THE SUBSTRATE SUCH AS SHEATHING JOINTS.
  - OVERDRIVEN FASTENERS, IMPROPERLY INSTALLED FASTENERS, DEFECTIVE/BROKEN FASTENERS, OR FASTENERS NOT PROPERLY FASTENED INTO THE BUILDING STRUCTURE SHOULD BE REMOVED AND THE VACATED HOLE SEALED WITH SEALANT PRIOR TO THE INSTALLATION OF THE CLADDING OR VENEER SYSTEM.
- PRE-DRILLED FASTENING ASSEMBLIES
  - FASTENING HEAD OR ASSEMBLY COMPONENT MUST BE LARGER IN DIAMETER THAN PREDRILLED HOLE.
  - FASTENING HEAD OR ASSEMBLY COMPONENT MUST BE MOUNTED FLUSH WITH THE WRB.
  - FASTENING HEAD OR ASSEMBLY COMPONENT MUST PROVIDE A CONTINUOUS COMPRESSION FIRMLY AGAINST WRB CREATING A GASKETING SEAL WITHOUT DAMAGING THE MEMBRANE.
  - DO NOT INSTALL FASTENING COMPONENTS OVER UNSUPPORTED AREAS OF THE SUBSTRATE SUCH AS SHEATHING JOINTS.
  - SEAL IMPROPERLY DRILLED AND/OR VACATED HOLES WITH SEALANT PRIOR TO THE INSTALLATION OF THE CLADDING OR VENEER SYSTEM.
  - PENETRATIONS THAT DO NOT MEET INSTALLATION REQUIREMENTS REQUIRE THE ADDITION OF SEALANT AT POINT OF INSERTION THROUGH THE AIR BARRIER TO MAINTAIN CONTINUITY IN THE AIR BARRIER ASSEMBLY.

ROUGH OPENINGS:
- INSTALL ROUGH OPENING DETAILS PER WINDOW MANUFACTURER'S PUBLISHED LITERATURE AND IN ACCORDANCE WITH ASTM E2112.
- WALL ASSEMBLIES CONTAINING A VAPOR RETARDER ON THE INTERIOR WALL ASSEMBLY.
- EXTEND FLASHING INTO ROUGH OPENING TO ENSURE SUFFICIENT MEMBRANE FOR CONNECTION WITH VAPOR RETARDER AND PROVIDE A CONTINUOUS AIR BARRIER ASSEMBLY.
- APPLY FLEXIBLE FLASHING WHERE INDICATED TO COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
- PRIME SUBSTRATES AS RECOMMENDED BY FLASHING MANUFACTURER.
- LAP SEAMS AND JUNCTURES WITH OTHER MATERIALS AT LEAST 4 INCHES (100 MM) EXCEPT THAT AT FLASHING FLANGES OF OTHER CONSTRUCTION, LAPS NEED NOT EXCEED FLANGE WIDTH.
- LAP FLASHING OVER WATER-RESISTIVE BARRIER AT BOTTOM AND SIDES OF OPENINGS.
- LAP WATER-RESISTIVE BARRIER OVER FLASHING AT HEADS OF OPENINGS.
- AFTER FLASHING HAS BEEN APPLIED, ROLL SURFACES WITH A HARD RUBBER OR METAL ROLLER TO ENSURE THAT FLASHING IS COMPLETELY ADHERED TO SUBSTRATES.
- PROVIDE EXPANDABLE SPRAY-APPLIED POLYURETHANE FOAM SEALANT AT VOIDS.
- SEAL WINDOWS FRAME PERIMETER.

INTENT AND BACKGROUND:

THESE AIR BARRIER CONTINUITY PLANS (ABCP) ARE PROVIDED AS A GUIDE FOR THE AIR SEALING FOR THE NEW BUILDINGS TO BE LOCATED AT 350 GRAND CONCOURSE, THE BRONX, NY 10451.
ABCPs FOR ALL NEW COMMERCIAL BUILDINGS IN EXCESS OF 50,000 SQUARE FEET ARE REQUIRED PER THE 2020 NYCECC. AS THE PROPOSED BUILDINGS ARE APPROXIMATELY 236.642 (CELLAR + 13 STORIES MULTI-FAMILY RESIDENTIAL) SQUARE FEET IN TOTAL CONDITIONED AREA, THESE ABCPs ARE PROVIDED AS A PART OF THE APPROVED CONSTRUCTION DOCUMENTS. ANY CHANGE TO THIS ABCP IS THEREFORE SUBJECT TO RE-APPROVAL BY THE NEW YORK CITY DEPARTMENT OF BUILDINGS (DOB).

THE BUILDINGS ARE TO BE XX STORIES MULTI-FAMILY RESIDENTIAL BUILDINGS OF ALL NEW CONSTRUCTION LOCATED IN CLIMATE ZONE 4. A RESIDENTIAL AMENITY FLOOR IS ALSO PROVIDED IN ADDITION TO APARTMENT AND MECHANICAL FLOORS. ALL WORK DONE IN CONJUNCTION WITH THE ERECTION OF THE BUILDING IS TO COMPLY WITH THE 2020 NEW YORK CITY ENERGY CONSERVATION CODE.

AIR SEALING TESTING PROVISIONS FOR PASSIVE HOUSE, LEED, OR ANY OTHER CERTIFICATION ARE NOT INCLUDED IN THE DESIGN SCOPE AT THIS TIME. WITHIN THESE ABCPs IS A GUIDE FOR AIR SEALING OF EXTERIOR WALLS. INTERIOR TENANT DEMISING WALLS ARE NOT IN SCOPE AT THIS TIME. THE INTENT IS TO PROVIDE CONTINUOUS AIR BARRIERS THAT MEET OR ARE LESS THAN THE MAXIMUM ALLOWED AIR LEAKAGE PERMITTED PER THE ENERGY CODE.

THE MAIN AIR BARRIERS FOR THIS PROJECT ARE SUMMARIZED AS FOLLOWS:

I. EXTERIOR AIR BARRIERS
A. PRECAST CONCRETE PANEL
B. PUNCHED WINDOWS THAT SHALL BE TESTED IN ACCORDANCE WITH NFRC 400 OR ASTM E283
C. EIFS/RAINSCREEN SYSTEM WITH FLUID-APPLIED AIR BARRIER MEMBRANE IN ACCORDANCE WITH ASTM E283

II. INTERIOR AIR BARRIERS
A. GYPSUM WALL BOARD OF MINIMUM 1/2" THICKNESS
B. FULLY GROUTED CMU BLOCK

REQUIREMENTS

1. FENESTRATION, INCLUSIVE OF GLAZED DOORS, SHALL BE SEPARATELY TESTED AND INSTALLED PRIOR TO AIR BARRIER TESTING. FENESTRATION MUST BE TESTED IN ACCORDANCE WITH NFRC 400 OR ASTM E283, AND RELEVANT PRODUCT LABELS, CERTIFICATES, OR SUPPORTING DOCUMENTATION SHALL BE PROVIDED ON SITE PRIOR TO INSPECTION. INSPECTOR TO VERIFY ALL FENESTRATION COMPLIES WITH MAXIMUM AIR LEAKAGE AT 1.57 PSF PRESSURE PER 5.4.3.2 AS FOLLOWS PRIOR TO AIR BARRIER TESTING:
   A. GLAZED ENTRY DOORS: 1.0 CFM/FT²
   B. WINDOWS AND STOREFRONT: 0.06 CFM/FT²
   C. GARAGE DOORS: 0.4 CFM/FT²
   D. OTHER PRODUCTS & OPAQUE DOORS: 0.2 CFM/FT²
2. MECHANICAL DAMPERS IN EXTERIOR ENVELOPE, MOTORIZED OR OTHERWISE, SHALL BE PROVIDED WITH SUPPORTING DOCUMENTS ON SITE PRIOR TO AIR BARRIER TESTING DEMONSTRATING AIR LEAKAGE IN ACCORDANCE WITH AMCA STANDARD 550/500, AND AIR LEAKAGE AT DAMPERS SHALL NOT EXCEED 10 CFM/FT² AT 1 INCH WATER GAUGE IN ACCORDANCE WITH TABLE 6.4.3.4.3.
3. CONTRACTOR(S) ARE ENTIRELY RESPONSIBLE FOR ENSURING BUILDING ENVELOPE AIR SEALING IS ADEQUATELY PROVIDED FOR. WHERE TESTING INDICATES LEAKAGE IN EXCESS OF THAT PERMITTED IN NOTE (2) ABOVE, CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF WORK UNTIL AIR BARRIER TESTING PASSES.
4. WHERE INDIVIDUAL DETAILS ARE NOT PROVIDED FOR HEREIN, THEY SHALL BE ADEQUATELY SEALED AND TESTED AS IF PROVIDED FOR. CONTRACTOR(S) MAY SUBMIT A REQUEST FOR INFORMATION FOR CLARIFICATION ON ANY PROPOSED EXTERIOR DETAIL THAT REQUIRES FURTHER ELABORATION.
5. A SCHEDULE OF SUGGESTED SEALANTS FOR USE IS PROVIDED AS FOLLOWS BY MANUFACTURER AND MODEL:
   A. EXTERIOR SEALANT: DOW CORNING NO. 790 OR 795 (OR APPROVED EQUAL)
   B. INTERIOR CAULK: PECORA AC-20 + SILICONE (OR APPROVED EQUAL)
6. RECESSED LIGHTING:
   A. RECESSED LUMINAIRE'S INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE BETWEEN CONDITIONED AND UNCONDITIONED SPACE.
   B. ALL RECESSED LUMINAIRES SHALL BE IC-RATED AND LABELED AS MEETING ASTM E283 WHEN TESTED AT 1.57 PSF PRESSURE DIFFERENTIAL WITH NO MORE THAN 2.0 CF OF AIR MOVEMENT FROM THE CONDITIONED SPACE TO THE CEILING CAVITY.
   C. ALL RECESSED LUMINAIRES SHALL BE SEALED WITH A GASKET OR CAULK BETWEEN THE HOUSING AND INTERIOR WALL OR CEILING COVERING.
7. IN GENERAL, CONTRACTOR WORK SHALL PROVIDE FOR BUT NOT BE LIMITED TO:
   A. USE SHRINKCRAK-PROOF CAULK TO SEAL GAPS SMALLER THAN 1/4".
   B. USE EXPANDING FOAM WHERE PERMITTED AT NON-FIRE-RATED CONDITIONS TO SEAL GAPS LARGER THAN 1/4".
   C. USE LOW-EXPANDING FOAM AT WINDOW/DOOR OPENINGS FOR CONDITIONS WHERE ITEMS SUCH AS SEALANT AND BACKER ROD ALONE WOULD NOT SUFFICE. USE OF FOAM IS PERMITTED ONLY AT NON-FIRE-RATED CONDITIONS.
   D. USE TEMPERATURE-APPROPRIATE SEALANT OR CAULK (SUCH AS HIGH-TEMP CAULK OR SEALANT AT BOILER FLUES).
   E. CLEAN OUT CRACKS AND SEAMS BEFORE APPLYING SEALANT OR CAULK (SUCH AS WITH COMPRESSED AIR, VACUUM, DAMP CLOTH, ETC.)
   F. PROVIDE CONTINUOUS EXTERIOR AIR AND WATER BARRIER MEMBRANES AT CMU BLOCK WALLS AND CONCRETE WALLS AND SLAB EDGES. IT IS SUGGESTED CMU BLOCK WALLS BE PAINTED ON INTERIOR SIDE, BUT NOT REQUIRED.

ASSIGN RESPONSIBILITY TO ONE TRADE/PERSON FOR CONFIRMING COMPLETION OF AIR SEALING TASKS.

ROOF:

GENERAL:
- FOLLOW MANUFACTURER'S INSTRUCTIONS, FM APPROVALS' ROOFNAV ASSEMBLY, AND FM GLOBAL DATA SHEET 1-29.
- ENSURE AIR BARRIER CONTINUITY BETWEEN ROOFING COMPONENTS AND ADJACENT SYSTEMS.

BASE FLASHING INSTALLATION:
- INSTALL SHEET FLASHINGS AND PREFORMED ACCESSORIES PER MANUFACTURER SPECS.
- APPLY BONDING ADHESIVE TO SUBSTRATE AND FLASHING (EXCLUDING SEAM AREAS); ALLOW PARTIAL DRYING.
- FLASH PENETRATIONS AND CORNERS USING CURED/UNCURED SHEET FLASHING.
- CLEAN SEAMS, OVERLAP, AND ROLL FIRMLY INTO ADHESIVE.
- HOT-AIR WELD SIDE AND END LAPS FOR WATERTIGHT SEAMS.
- TERMINATE AND SEAL TOPS OF FLASHINGS, ANCHOR WITH TERMINATION BARS.

ROOF SPECIALTIES:
- INSTALL PER MANUFACTURER'S INSTRUCTIONS WITH SECURE ANCHORING AND ALLOWANCE FOR THERMAL/STRUCTURAL MOVEMENT.
- USE APPROPRIATE FASTENERS, SOLDER, COATINGS, SEPARATORS, UNDERLAYMENT, AND SEALANTS.
- SEAL CONCEALED JOINTS WITH BUTYL SEALANT.
- ENSURE WEATHERTIGHT JOINTS WITH CONCEALED SEALANT PLACEMENT.

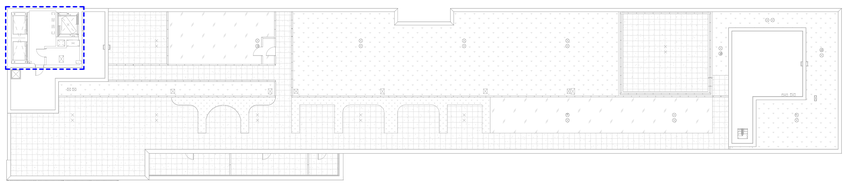
COPING INSTALLATION:
- INSTALL CLEATS, ANCHOR PLATES, AND OTHER ACCESSORIES USING CONCEALED FASTENERS.

PROFESSIONAL STATEMENT

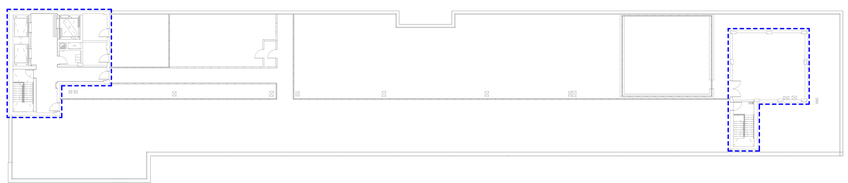
TO THE BEST OF MY KNOWLEDGE, THE DSIGN CONTAINED HEREIN COMPLIES WITH 2020 NYCECC BY APPLICATION OF ASHRAE 90.1-2016 AS MODIFIED BY APPENDIX CA.

COMMISSIONING PLAN STATEMENT:

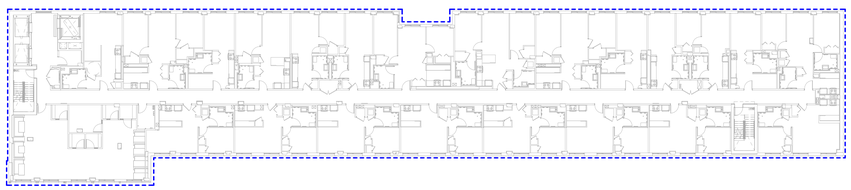
AS PER NYCECC APPENDIX CA (MODIFIED ASHRAE 90.1 2016). SECTION 6.7.2.3 "SYSTEM COMMISSIONING," OWNER SHALL HIRE COMMISSIONING AGENCY TO DEVELOP A COMMISSIONING PLAN. PLAN SHALL EXPLAIN ALL ACTIVITIES TO BE COMPLETED DURING EACH PHASE OF COMMISSIONING. THE PLAN SHALL ALSO LIST SPECIFIC EQUIPMENT AND FUNCTIONS TO BE TESTED, THE CONDITIONS FOR TESTING, AND THE MEASURABLE CRITERIA FOR PERFORMANCE.
COOLING SYSTEM IS IN EXCESS OF 480 MBH AND/OR HEATING IS IN EXCESS OF 600 MBH (SPACE HEATING & HOT WATER COMBINED).
TOTAL COOLING CAPACITY: 3651.4 MBH
SPACE HEATING CAPACITY: 2866 MBH
SVC WTR HTG CAPACITY: 501.08 MBH
(SEE MH EN DWGS)



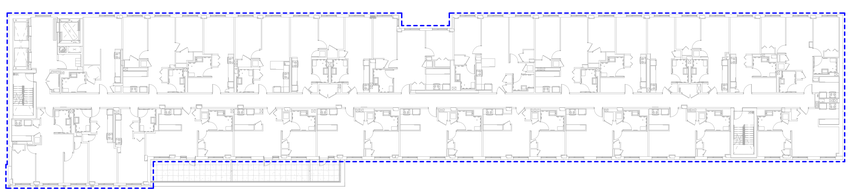
9 BULKHEAD ROOF FLOOR AIR/THERMAL BARRIER PLAN
SCALE: 1" = 20'-0"



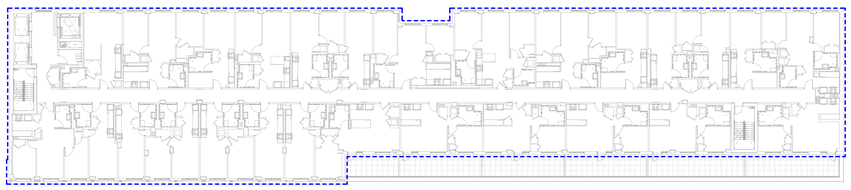
8 ROOF FLOOR AIR/THERMAL BARRIER PLAN
SCALE: 1" = 20'-0"



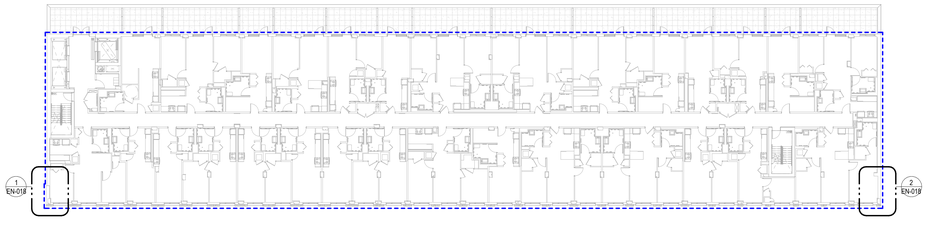
7 PENTHOUSE FLOOR AIR/THERMAL BARRIER PLAN
SCALE: 1" = 20'-0"



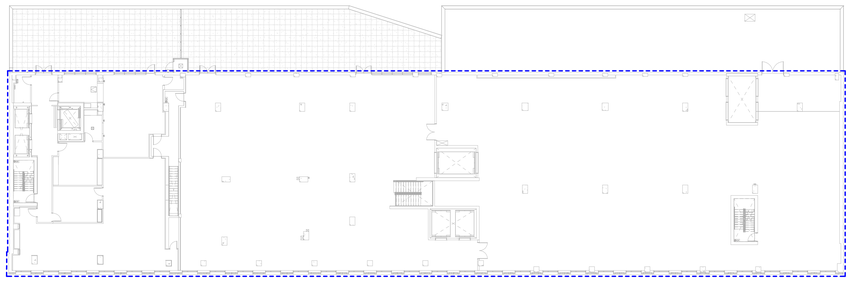
6 12TH FLOOR AIR/THERMAL BARRIER PLAN
SCALE: 1" = 20'-0"



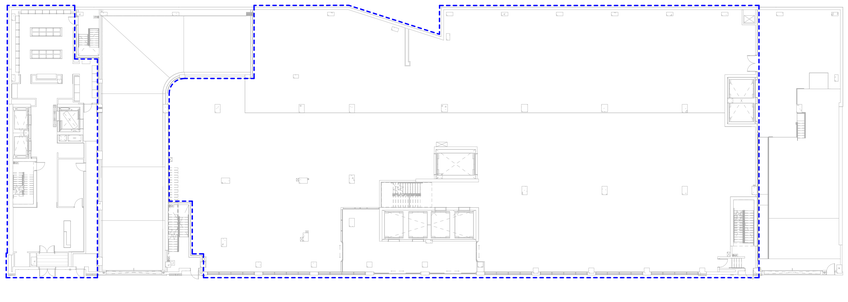
5 10TH-11TH FLOOR AIR/THERMAL BARRIER PLAN
SCALE: 1" = 20'-0"



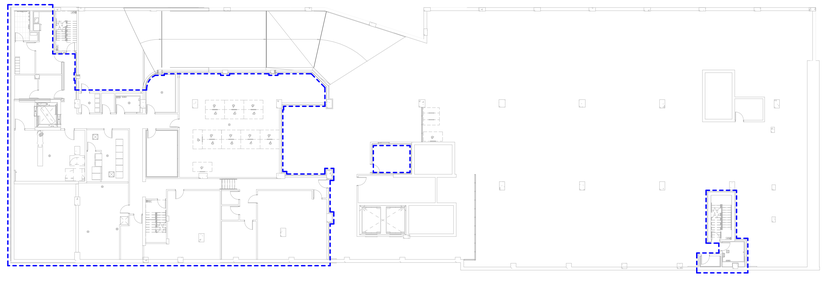
4 3RD-9TH FLOOR AIR/THERMAL BARRIER PLAN
SCALE: 1" = 20'-0"



3 2ND FLOOR AIR/THERMAL BARRIER PLAN
SCALE: 1" = 20'-0"

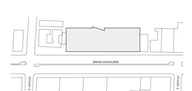


2 1ST FLOOR AIR/THERMAL BARRIER PLAN
SCALE: 1" = 20'-0"



1 CELLAR PLAN - AIR/THERMAL BARRIER
SCALE: 1" = 20'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
F	10.17.2025	DOB EN ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192591-I1

DRAWING TITLE:

AIR BARRIER CONTINUITY PLANS

SCALE: 1" = 20'-0" PAGE: 23 OF 141

EN-014.00

DOB SCAN STICKER

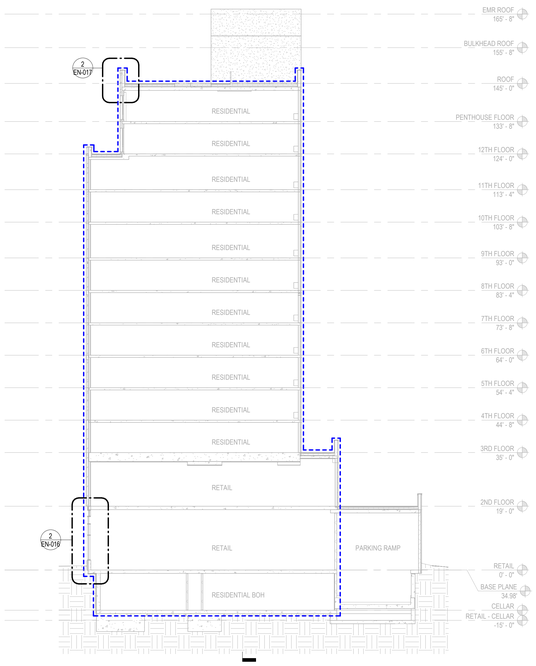
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

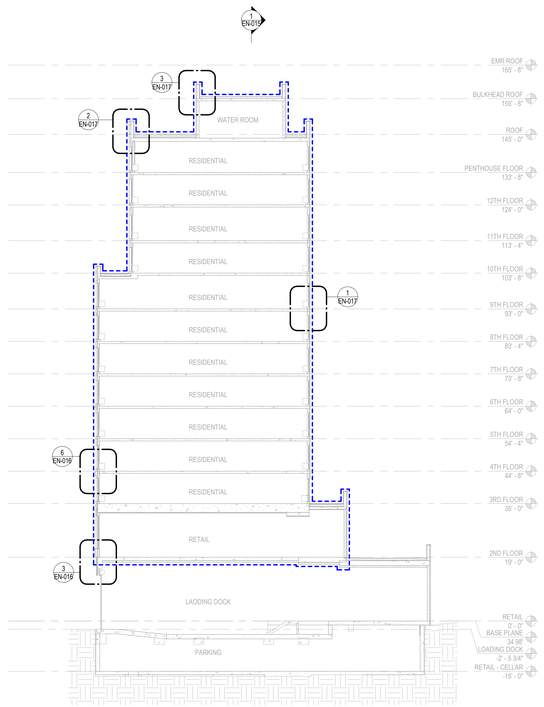
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

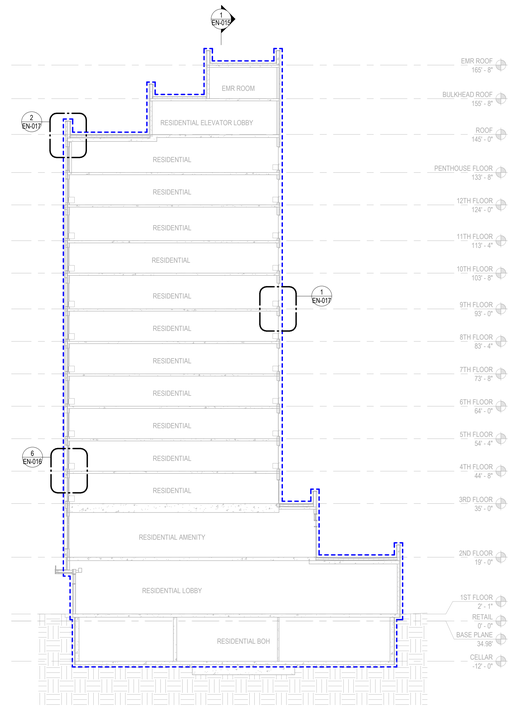
11/7/2025 2:58:09 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



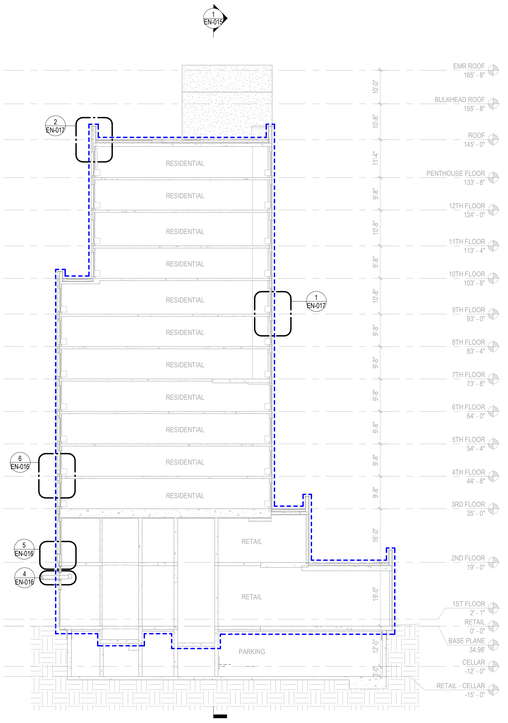
5 SECTION - 12TH FLOOR TERRACE - AIR THERMAL BARRIER
SCALE: 1/16" = 1'-0"



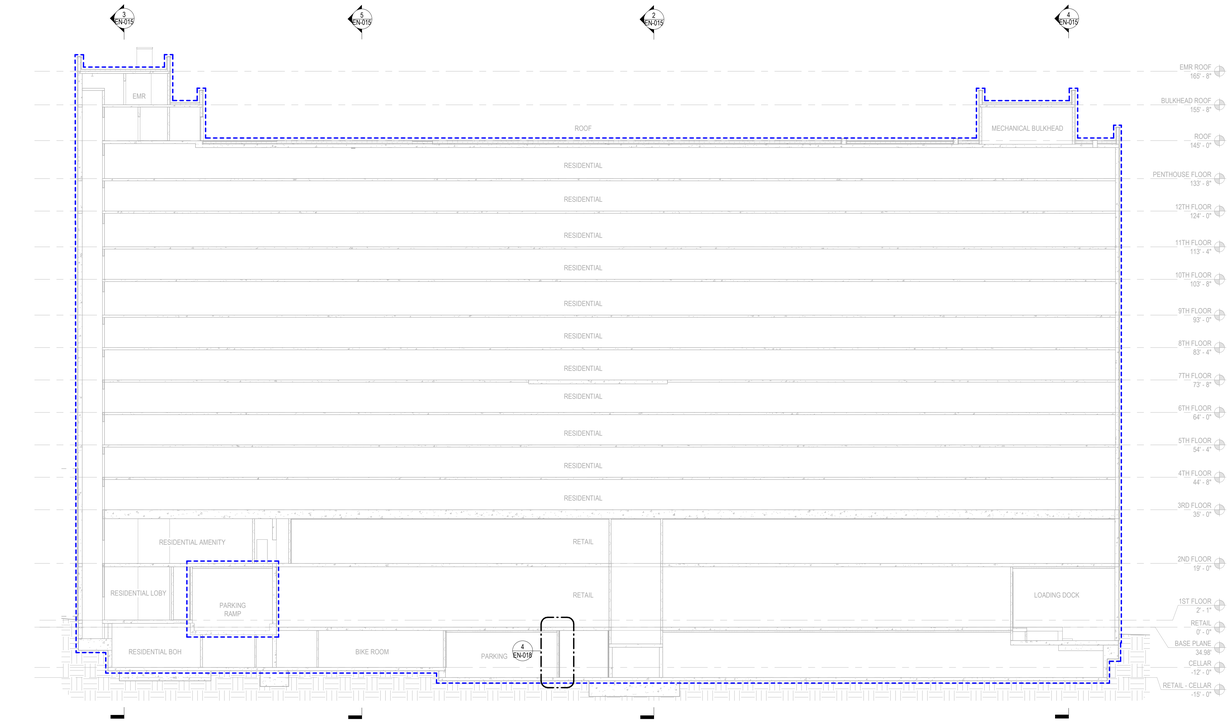
4 SECTION - LOADING DOCK - AIR THERMAL BARRIER
SCALE: 1/16" = 1'-0"



3 SECTION - RESI ENTRY - Air Thermal Barrier
SCALE: 1/16" = 1'-0"

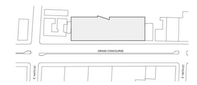


2 SECTION - 10TH FLOOR TERRACE - AIR THERMAL BARRIER
SCALE: 1/16" = 1'-0"



1 SECTION - NORTH TO SOUTH - AIR THERMAL BARRIER
SCALE: 1/16" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
F	10.17.2025	DOB EN ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

AIR BARRIER CONTINUITY SECTIONS

SCALE: 1/16" = 1'-0" PAGE: 24 OF 141

EN-015.00

DOB SCAN STICKER

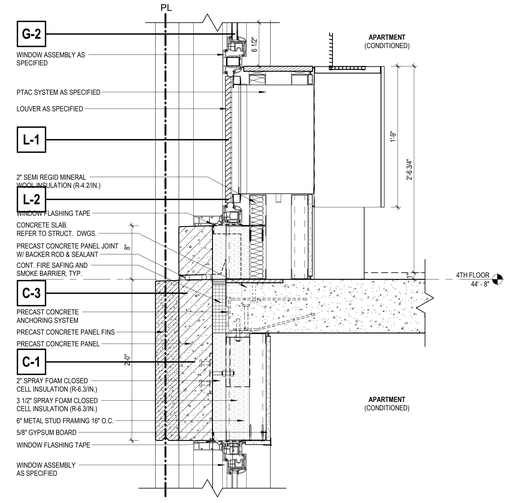
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

1/7/2025 3:08:40 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



6 SECTION DETAIL - PCP - 2'0" FIN - WINDOW TYP.2
SCALE: 1 1/2" = 1'-0"

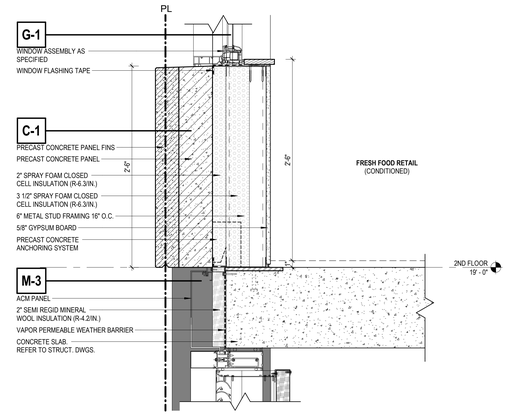
G-2: RESIDENTIAL WINDOW OPERABLE			
COMPONENT	**R-VALUE**	**U-VALUE**	**REFERENCE**
POLYMER OPERABLE WINDOW	3.50	0.29	Intus SUPERA

L-1: LOUVER WITH PTAC		
COMPONENT	**R-VALUE**	**REFERENCE**
LOUVER	-	Intus SUPERA
PTAC SYSTEM	2.00	ICE AIR RSXC-Series (ASHRAE 90.1 exceptions)

L-2: LOUVER WITH BLANK OFF PANEL		
COMPONENT	**R-VALUE**	**REFERENCE**
LOUVER	-	Intus SUPERA
2 1/2" SEMI REGID MINERAL WOOL BATT INSULATION (R-4.2/IN.)	10.50	
IN 1 5/8" METAL STUDS 16" O.C.	-	

C-3: PRECAST CONCRETE PANEL AT CONCRETE SLAB		
COMPONENT	**R-VALUE**	**REFERENCE**
PRECAST CONCRETE PANEL CLADDING	-	
2" SEMI REGID MINERAL WOOL INSULATION (R-4.2/IN.)	8.40	
CONCRETE SLAB EDGE	-	

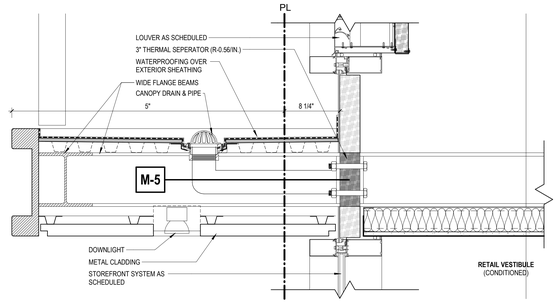
C-1: PRECAST CONCRETE PANEL AT STUD WALL ASSEMBLY		
COMPONENT	**R-VALUE**	**REFERENCE**
PRECAST CONCRETE PANEL CLADDING	-	
2" SPRAY FOAM CLOSED CELL INSULATION (R-6.3/IN.)	12.60	
3 1/2" SPRAY FOAM CLOSED CELL INSULATION (R-6.3/IN.)	22.05	
IN 6" METAL STUD CAVITY 16" O.C.	-	
5/8" GYPSUM BOARD	-	



5 SECTION DETAIL - PCP - WINDOW TYP.10 - JAMB
SCALE: 1 1/2" = 1'-0"

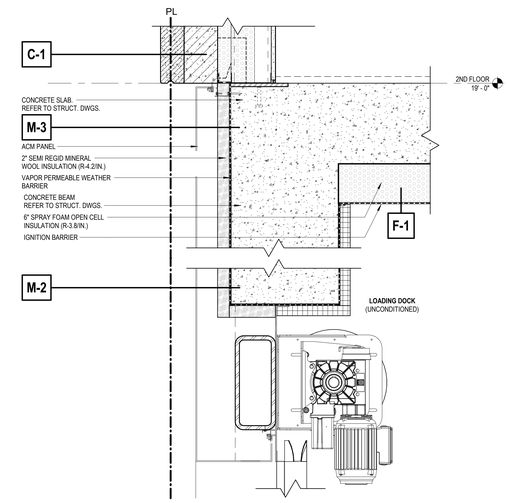
G-1: RESIDENTIAL WINDOW FIXED			
COMPONENT	**R-VALUE**	**U-VALUE**	**REFERENCE**
POLYMER FIXED WINDOW	3.50	0.29	Intus SUPERA

M-3: METAL PANEL AT CONCRETE SLAB		
COMPONENT	**R-VALUE**	**REFERENCE**
METAL PANEL CLADDING	-	
3" AIR SPACE	-	
2" SEMI REGID MINERAL WOOL BATT INSULATION (R-4.2/IN.)	12.60	
AIR/WEATHER BARRIER MEMBRANE	-	
CONCRETE SLAB EDGE	-	



4 SECTION DETAIL - RETAIL STORE ENTRANCE
SCALE: 1 1/2" = 1'-0"

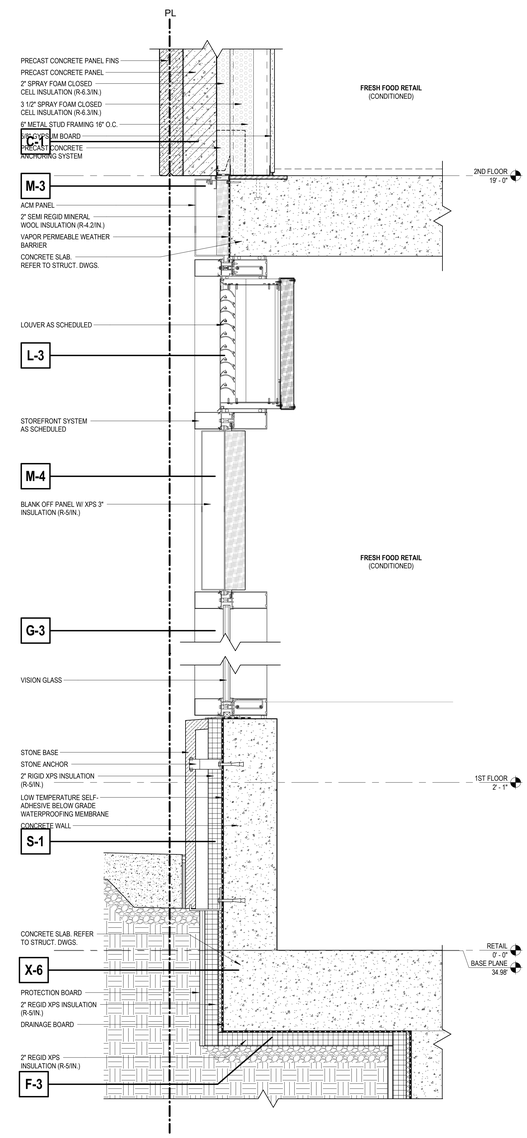
M-5: METAL PANEL AT CANOPY		
COMPONENT	**R-VALUE**	**REFERENCE**
3" THERMAL SEPERATOR (R-0.56/IN.)	1.68	



3 SECTION DETAIL - LOADING ENTRANCE
SCALE: 1 1/2" = 1'-0"

F-1: UNDERSLAB INSULATION		
COMPONENT	**R-VALUE**	**REFERENCE**
CONCRETE FLOOR SLAB	-	
6" SPRAY FOAM OPEN CELL INSULATION (R-3.8/IN.)	22.80	
IGNITION BARRIER	-	

M-2: METAL PANEL AT CONCRETE COLUMN/BEAM		
COMPONENT	**R-VALUE**	**REFERENCE**
METAL PANEL CLADDING	-	
3" AIR SPACE	-	
2" SEMI REGID MINERAL WOOL INSULATION (R-4.2/IN.)	8.40	
AIR/WEATHER BARRIER MEMBRANE	-	
CONCRETE COLUMN	-	



2 SECTION DETAIL - STOREFRONT AT OFFSET SLAB
SCALE: 1 1/2" = 1'-0"

L-3: LOUVER WITHIN STOREFRONT SYSTEM		
COMPONENT	**R-VALUE**	**REFERENCE**
LOUVER	-	AIROLITE
2" INSULATED BLANK OFF PANEL W/XPS INSULATION (R-5/IN.)	10.00	

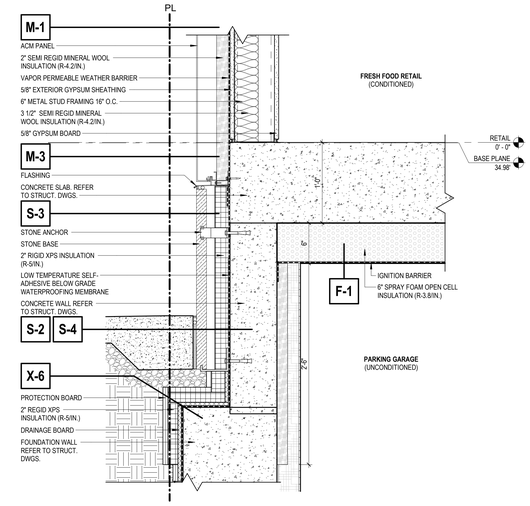
M-4: METAL PANEL AT STOREFRONT ASSEMBLY		
COMPONENT	**R-VALUE**	**REFERENCE**
METAL PANEL CLADDING	-	
3 1/2" AIR SPACE	-	
BLANK OFF PANEL W/ 3" XPS INSULATION (R-5/IN.)	15.00	

G-3: STOREFRONT GLAZING			
COMPONENT	**R-VALUE**	**U-VALUE**	**REFERENCE**
ALUMINUM-FRAMED STOREFRONT SYSTEM	3.50	0.29	Kawneer 1600UT System 2

S-1: STONE BASE AT CONCRETE WALL		
COMPONENT	**R-VALUE**	**REFERENCE**
STONE BASE CLADDING	-	
1 1/2" AIR SPACE	-	
2" RIGID XPS INSULATION (R-5/IN.)	10.00	
AIR/WEATHER BARRIER MEMBRANE	-	
CONCRETE WALL	-	

X-6: INSULATION AT CONCRETE BELOW GRADE		
COMPONENT	**R-VALUE**	**REFERENCE**
PROTECTION BOARD	-	
2" REGID XPS INSULATION (R-5/IN.)	10.00	
DRAINAGE BOARD	-	
CONCRETE WALL	-	

F-3: BELOW GRADE INSULATION		
COMPONENT	**R-VALUE**	**REFERENCE**
CONCRETE FLOOR SLAB	-	
2" REGID XPS INSULATION W/ FACER (R-5/IN.)	10.00	



1 SECTION DETAIL - SLAB STEPPING DETAIL
SCALE: 1 1/2" = 1'-0"

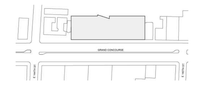
M-1: METAL PANEL AT STUD WALL ASSEMBLY		
COMPONENT	**R-VALUE**	**REFERENCE**
METAL PANEL CLADDING	-	
3" AIR SPACE	-	
2" SEMI REGID MINERAL WOOL INSULATION (R-4.2/IN.)	8.40	
AIR/WEATHER BARRIER MEMBRANE	-	
5/8" GYPSUM BOARD	-	
3 1/2" SEMI REGID MINERAL WOOL INSULATION (R-4.2/IN.)	14.70	
6" METAL STUDS 16" O.C.	-	
5/8" GYPSUM BOARD	-	

S-3: STONE BASE AT CONCRETE SLAB		
COMPONENT	**R-VALUE**	**REFERENCE**
STONE BASE CLADDING	-	
1 1/2" AIR SPACE	-	
2" RIGID XPS INSULATION (R-5/IN.)	10.00	
AIR/WEATHER BARRIER MEMBRANE	-	
CONCRETE SLAB EDGE	-	

S-2: STONE BASE AT CONCRETE COLUMN		
COMPONENT	**R-VALUE**	**REFERENCE**
STONE BASE CLADDING	-	
1 1/2" AIR SPACE	-	
2" RIGID XPS INSULATION (R-5/IN.)	10.00	
AIR/WEATHER BARRIER MEMBRANE	-	
CONCRETE COLUMN	-	

S-4: STONE BASE AT CONCRETE FOUNDATION WALL		
COMPONENT	**R-VALUE**	**REFERENCE**
STONE BASE CLADDING	-	
1 1/2" AIR SPACE	-	
2" RIGID XPS INSULATION (R-5/IN.)	10.00	
AIR/WEATHER BARRIER MEMBRANE	-	
CONCRETE FOUNDATION WALL	-	

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
F	10.17.2025	DOB EN ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

ENERGY CODE WALL ASSEMBLY DETAIL

SCALE: 1 1/2" = 1'-0" PAGE:26 OF 141

EN-016.00

DOB SCAN STICKER

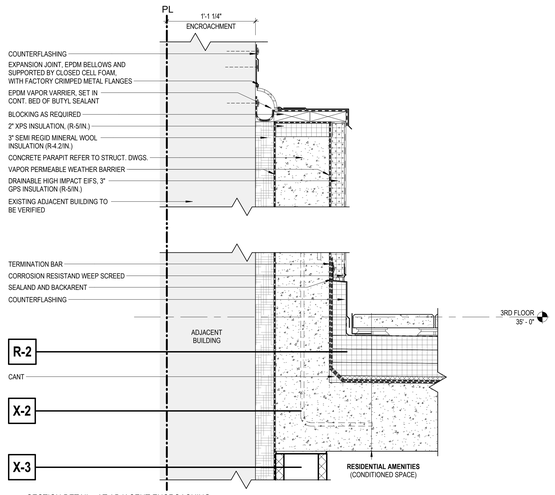
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

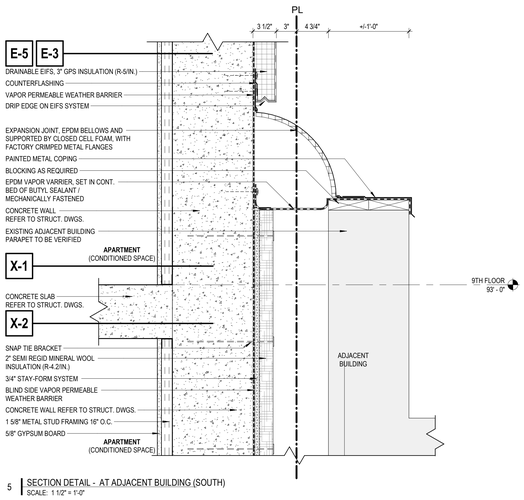
11/7/2025 2:31:13 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



6 SECTION DETAIL - AT ADJACENT ENCROACHING BUILDING (NORTH)
SCALE: 1 1/2" = 1'-0"

X-4: INSULATION AT PARAPET		
COMPONENT	R-VALUE	REFERENCE
3" SEMI REGID MINERAL WOOL INSULATION (R-4.2/IN.)	12.60	
AIR/WEATHER BARRIER MEMBRANE	-	
7 5/8" CMU BLOCK WALL	-	
2" REGID GPS INSULATION (R-5/IN.)	10.00	

X-3: INSULATION AT CMU		
COMPONENT	R-VALUE	REFERENCE
3" SEMI REGID MINERAL WOOL INSULATION (R-4.2/IN.)	12.60	
AIR/WEATHER BARRIER MEMBRANE	-	
7 5/8" CMU BLOCK WALL	-	
1 5/8" METAL STUDS 16" O.C.	-	
5/8" GYPSUM BOARD	-	



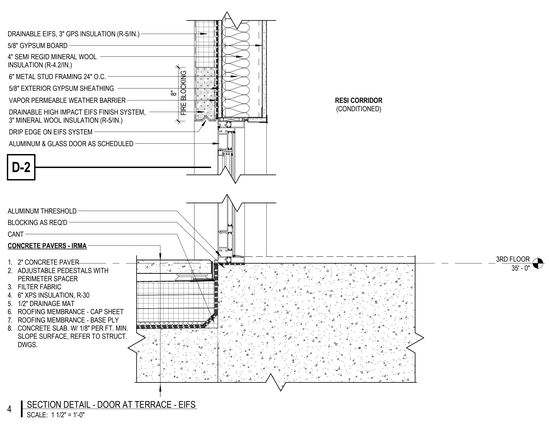
5 SECTION DETAIL - AT ADJACENT BUILDING (SOUTH)
SCALE: 1 1/2" = 1'-0"

E-3: EIFS AT CONCRETE COLUMN		
COMPONENT	R-VALUE	REFERENCE
3" EIFS REGID GPS INSULATION (R-5/IN.)	15.00	
AIR/WEATHER BARRIER MEMBRANE	-	
12" CONCRETE COLUMN	-	
1 5/8" METAL STUDS 16" O.C.	-	
5/8" GYPSUM BOARD	-	

E-5: EIFS AT CONCRETE WALL		
COMPONENT	R-VALUE	REFERENCE
3" EIFS REGID GPS INSULATION (R-5/IN.)	15.00	
AIR/WEATHER BARRIER MEMBRANE	-	
CONCRETE WALL	-	
1 5/8" METAL STUDS 16" O.C.	-	
5/8" GYPSUM BOARD	-	

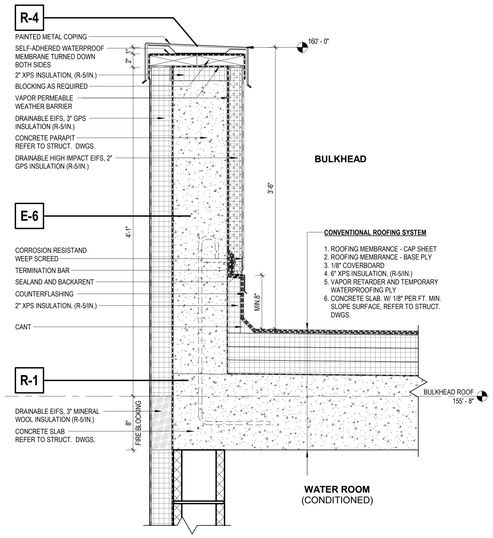
X-1: INSULATION AT CONCRETE WALL		
COMPONENT	R-VALUE	REFERENCE
2" SEMI REGID MINERAL WOOL INSULATION (R-4.2/IN.)	8.40	
3/4" STAY FORM	-	
AIR/WEATHER BARRIER MEMBRANE	-	
CONCRETE WALL	-	
1 5/8" METAL STUDS 16" O.C.	-	
5/8" GYPSUM BOARD	-	

X-2: INSULATION AT CONCRETE SLAB		
COMPONENT	R-VALUE	REFERENCE
2" SEMI REGID MINERAL WOOL INSULATION (R-4.2/IN.)	8.40	
3/4" STAY FORM	-	
AIR/WEATHER BARRIER MEMBRANE	-	
CONCRETE SLAB EDGE	-	



4 SECTION DETAIL - DOOR AT TERRACE - EIFS
SCALE: 1 1/2" = 1'-0"

D-2: GLAZED DOOR		
COMPONENT	U-VALUE	REFERENCE
GLAZED DOOR	0.34	

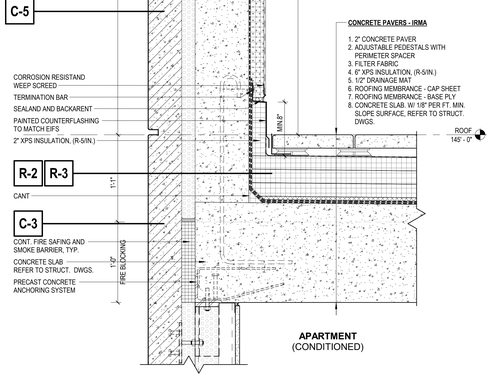


3 SECTION DETAIL - CONVENTIONAL ROOF @ BULKHEAD ROOF
SCALE: 1 1/2" = 1'-0"

E-6: EIFS AT PARAPET		
COMPONENT	R-VALUE	REFERENCE
3" EIFS REGID GPS INSULATION (R-5/IN.)	15.00	
AIR/WEATHER BARRIER MEMBRANE	-	
7 5/8" CMU BLOCK WALL	-	
AIR/WEATHER BARRIER MEMBRANE	-	
2" REGID GPS INSULATION (R-5/IN.)	10.00	

R-1: CONVENTIONAL ROOFING SYSTEM		
COMPONENT	R-VALUE	REFERENCE
PROTECTION BOARD	-	
2-PLY SBS ROOFING MEMBRANE	-	
6" REGID XPS INSULATION (R-5/IN.)	30.00	
CONCRETE FLOOR SLAB	-	

E-2: EIFS AT CMU		
COMPONENT	R-VALUE	REFERENCE
3" EIFS REGID GPS INSULATION (R-5/IN.)	15.00	
AIR/WEATHER BARRIER MEMBRANE	-	
7 5/8" CMU BLOCK WALL	-	
1 5/8" METAL STUDS 16" O.C.	-	
5/8" GYPSUM BOARD	-	



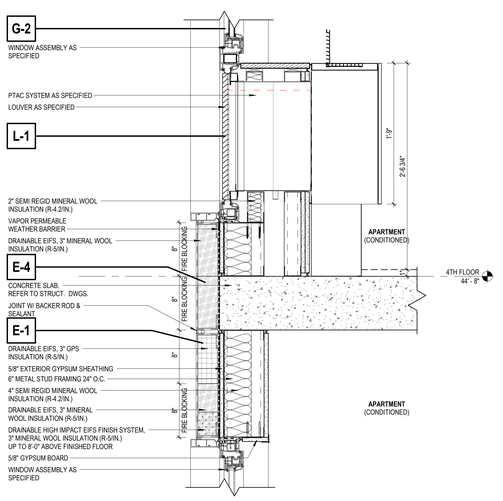
2 SECTION DETAIL - PARAPET
SCALE: 1 1/2" = 1'-0"

R-4: ROOF PARAPET		
COMPONENT	R-VALUE	REFERENCE
METAL COPING	-	
2" GPS INSULATION (R-5/IN.)	10.00	
2-PLY SBS ROOFING MEMBRANE	-	
CONCRETE OR CMU WALL	-	

C-5: PRECAST CONCRETE PANEL AT PARAPET		
COMPONENT	R-VALUE	REFERENCE
PRECAST CONCRETE PANEL CLADDING	-	
2" SPRAY FOAM CLOSED CELL INSULATION (R-6.3/IN.)	12.60	
7 5/8" CMU BLOCK WALL	-	
2" REGID GPS INSULATION (R-5/IN.)	10.00	

R-2: INVERTED ROOF MEMBRANE ASSEMBLY		
COMPONENT	R-VALUE	REFERENCE
PAVER/PEDESTAL SYSTEM	-	
6" REGID XPS INSULATION (R-5/IN.)	30.00	
DRAINAGE MAT	-	
2-PLY SBS ROOFING MEMBRANE	-	
CONCRETE FLOOR SLAB	-	

R-3: INVERTED ROOF MEMBRANE ASSEMBLY		
COMPONENT	R-VALUE	REFERENCE
PAVER/PEDESTAL SYSTEM	-	
4" REGID XPS INSULATION (R-5/IN.)	20.00	
2-PLY SBS ROOFING MEMBRANE	-	
CONCRETE FLOOR SLAB	-	

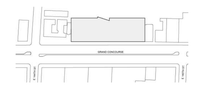


1 SECTION DETAIL - EIFS DETAIL ON EAST FACADE
SCALE: 1 1/2" = 1'-0"

E-4: EIFS AT CONCRETE SLAB		
COMPONENT	R-VALUE	REFERENCE
3" EIFS SEMI REGID MINERAL WOOL INSULATION (R-4.2/IN.)	12.60	
AIR/WEATHER BARRIER MEMBRANE	-	
CONCRETE SLAB EDGE	-	

E-1: EIFS AT STUD WALL ASSEMBLY		
COMPONENT	R-VALUE	REFERENCE
3" EIFS REGID GPS INSULATION (R-5/IN.)	15.00	
AIR/WEATHER BARRIER MEMBRANE	-	
5/8" GYPSUM BOARD	-	
4" SEMI REGID MINERAL WOOL INSULATION (R-4.2/IN.)	16.80	
IN 6" METAL STUDS 24" O.C.	-	
5/8" GYPSUM BOARD	-	

G	11.07.2025	CONSTRUCTION DOCUMENTS
F	10.17.2025	DOB EN ISSUANCE
NO.	DATE	ISSUANCES / REVISIONS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENERGY CODE WALL ASSEMBLY DETAIL

SCALE: 1 1/2" = 1'-0" PAGE: 27 OF 141

EN-017.00

DOB SCAN STICKER

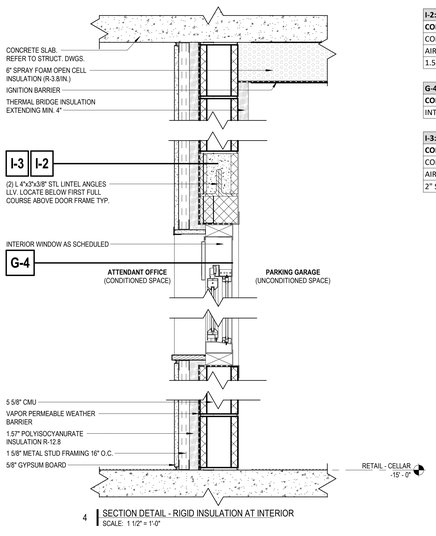
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 3:11:54 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

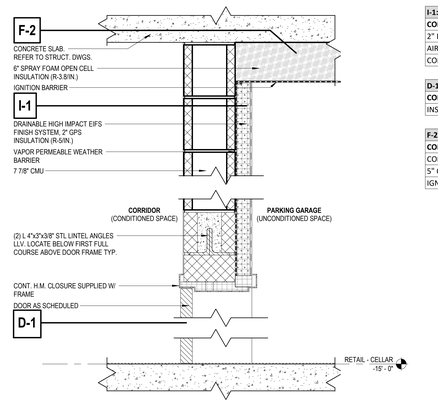


4 SECTION DETAIL - RIGID INSULATION AT INTERIOR
SCALE: 1 1/2" = 1'-0"

I-2: RIGID INSULATION AT INTERIOR		
COMPONENT	**R-VALUE**	**REFERENCE**
CONCRETE WALL / CONCRETE COLUMN / CMU BLOCK WALL	-	
AIR/WEATHER BARRIER MEMBRANE	-	
1.57" POLYISOCYANURATE INSULATION R-12.8	12.80	

G-4: INTERIOR GLAZING			
COMPONENT	**R-VALUE**	**U-VALUE**	**REFERENCE**
INTERIOR GLAZING			

I-3: SEMI RIGID INSULATION AT INTERIOR		
COMPONENT	**R-VALUE**	**REFERENCE**
CONCRETE WALL / CONCRETE COLUMN	-	
AIR/WEATHER BARRIER MEMBRANE	-	
2" SEMI REGID MINERAL WOOL INSULATION (R-4.2/IN.)	8.40	

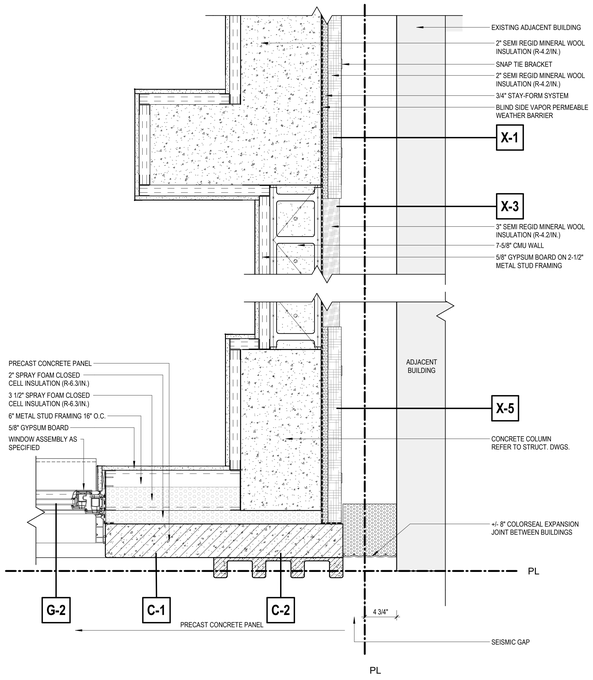


3 SECTION DETAIL - INTERIOR EIFS
SCALE: 1 1/2" = 1'-0"

I-1: EIFS AT INTERIOR		
COMPONENT	**R-VALUE**	**REFERENCE**
2" EIFS GPS (R-5/IN.)	10.00	
AIR/WEATHER BARRIER MEMBRANE	-	
CONCRETE WALL	-	

D-1: INSULATED METAL DOOR		
COMPONENT	**U-VALUE**	**REFERENCE**
INSULATED METAL DOOR	0.35	

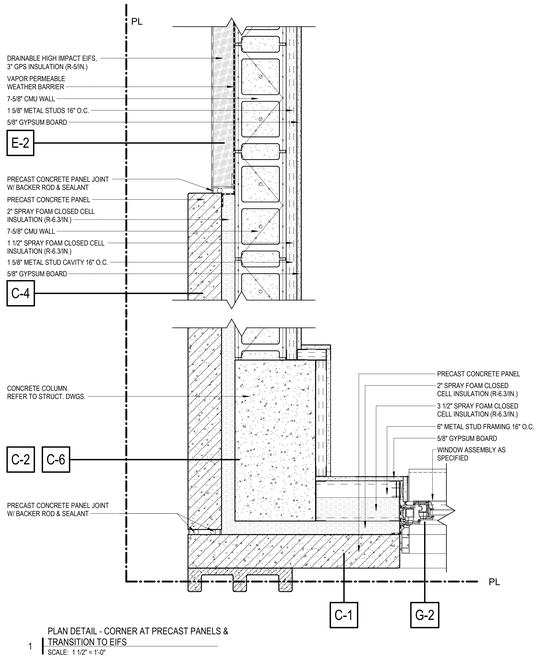
F-2: UNDERSLAB INSULATION		
COMPONENT	**R-VALUE**	**REFERENCE**
CONCRETE FLOOR SLAB	-	
5" OPEN CELL SPRAY FOAM (R-3.8/IN.)	19.00	
IGNITION BARRIER	-	



2 PLAN DETAIL - CORNER AT AJACENT BUILDING
SOUTH
SCALE: 1 1/2" = 1'-0"

X-5: INSULATION AT CONCRETE COLUMN		
COMPONENT	**R-VALUE**	**REFERENCE**
2" SEMI REGID MINERAL WOOL INSULATION (R-4.2/IN.)	8.40	
3/4" STAY FORM	-	
AIR/WEATHER BARRIER MEMBRANE	-	
CONCRETE COLUMN	-	
1 5/8" METAL STUDS 16" O.C.	-	
5/8" GYPSUM BOARD	-	

C-2: PRECAST CONCRETE PANEL AT CONCRETE COLUMN		
COMPONENT	**R-VALUE**	**REFERENCE**
PRECAST CONCRETE PANEL CLADDING	-	
2" SPRAY FOAM CLOSED CELL INSULATION (R-6.3/IN.)	12.60	
CONCRETE COLUMN	-	
1 1/2" SPRAY FOAM CLOSED CELL INSULATION (R-6.3/IN.)	9.45	
IN 1 5/8" METAL STUD CAVITY 16" O.C.	-	
5/8" GYPSUM BOARD	-	

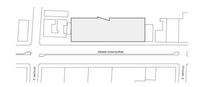


1 PLAN DETAIL - CORNER AT PRECAST PANELS &
TRANSITION TO EIFS
SCALE: 1 1/2" = 1'-0"

C-4: PRECAST CONCRETE PANEL AT CMU		
COMPONENT	**R-VALUE**	**REFERENCE**
PRECAST CONCRETE PANEL CLADDING	-	
2" SPRAY FOAM CLOSED CELL INSULATION (R-6.3/IN.)	12.60	
7 5/8" CMU BLOCK WALL	-	
1 1/2" SPRAY FOAM CLOSED CELL INSULATION (R-6.3/IN.)	9.45	
IN 1 5/8" METAL STUD CAVITY 16" O.C.	-	
5/8" GYPSUM BOARD	-	

C-6: PRECAST CONCRETE PANEL AT CONCRETE WALL		
COMPONENT	**R-VALUE**	**REFERENCE**
PRECAST CONCRETE PANEL CLADDING	-	
2" SPRAY FOAM CLOSED CELL INSULATION (R-6.3/IN.)	12.60	
CONCRETE WALL	-	

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
F	10.17.2025	DOB EN ISSUANCE



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:
350 GRAND CONCOURSE
350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:
ENERGY CODE WALL ASSEMBLY DETAIL

SCALE: 1 1/2" = 1'-0" PAGE: 27 OF 141

EN-018.00

DOB SCAN STICKER

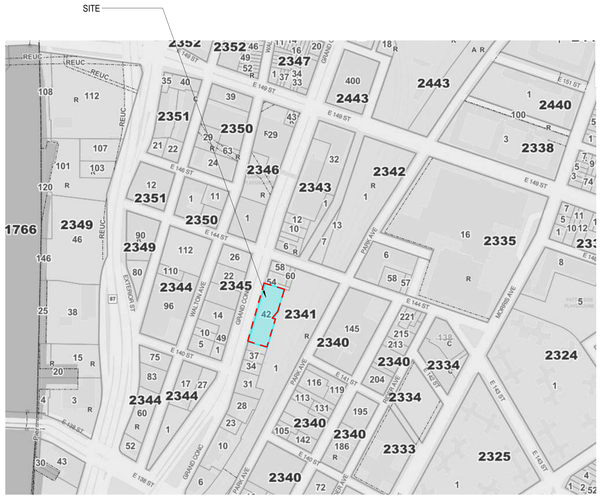
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

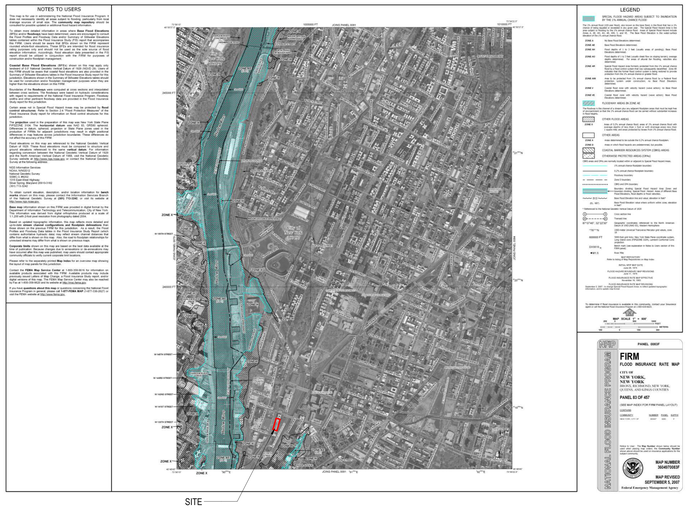
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

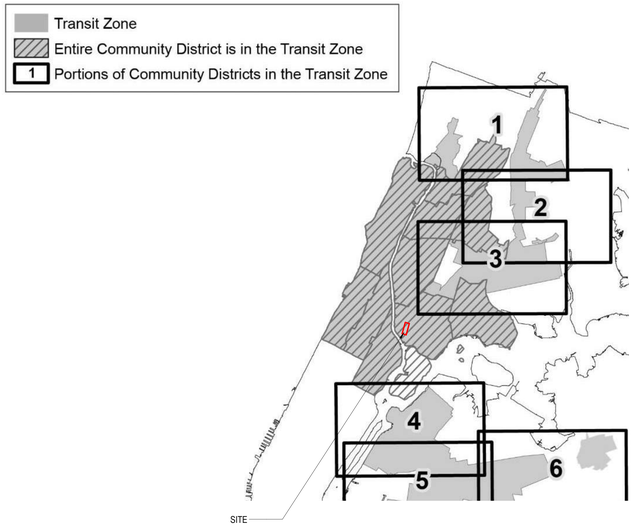
11/7/2025 2:31:14 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



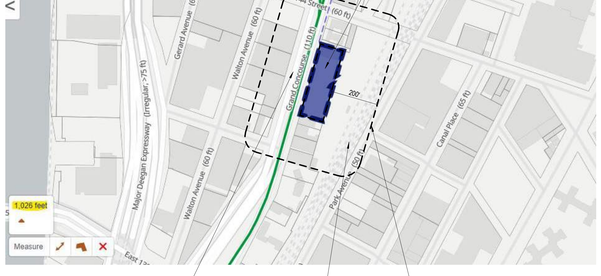
TAX LOT MAP



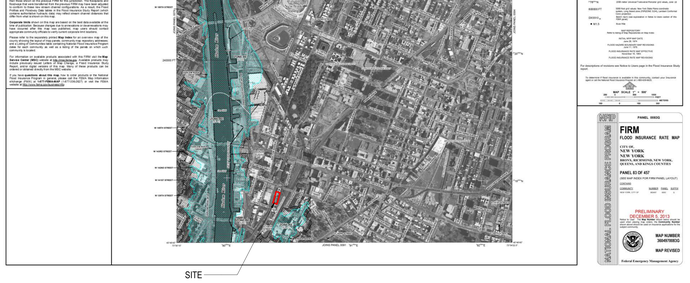
FEMA FLOOD MAP (2007)



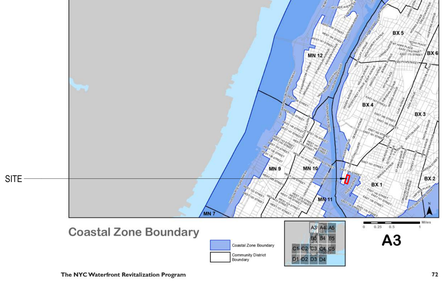
TRANSIT ZONE MAP



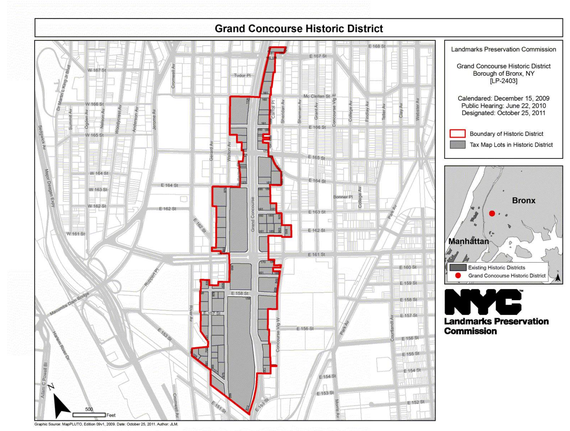
TRANSIT MAP REFER A-011



FEMA FLOOD MAP (2013)

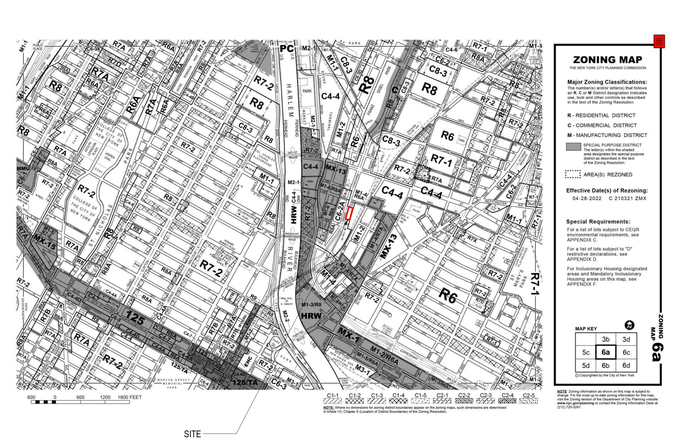


COSTAL ZONE BOUNDARY MAP (2013)

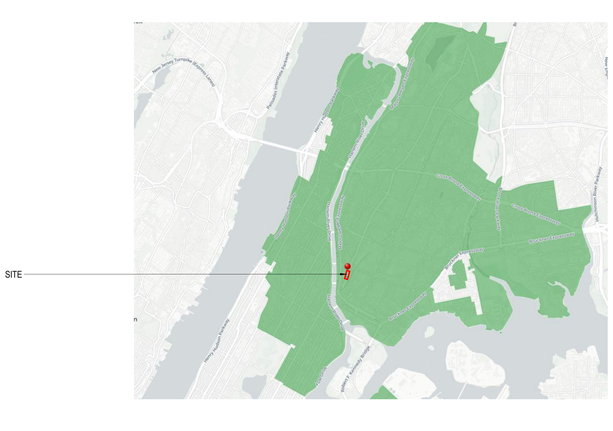


SITE NOT WITHIN 90' OF HISTORIC STRUCTURES/ LANDMARKS

GRAND CONCOURSE HISTORIC DISTRICT MAP



ZONING MAP



FRESH MAP

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	06.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T.212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:
350 GRAND CONCOURSE
350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192591-I1

DRAWING TITLE:
ZONING MAPS & FLOOD MAPS

SCALE: 12" = 1'-0" PAGE:3 OF 75

Z-001.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

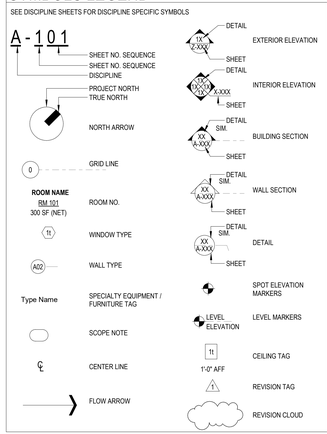
11/7/2025 3:19:23 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

ABBREVIATIONS

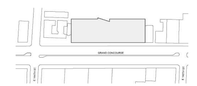
@	AT
A/C	AIR CONDITIONER / CONDITIONING
ACC	ACCESSIBLE
ACCSY	ACCESSORY
ACOUS	INSUL ACOUSTICAL INSULATION
ACOUS PNL	ACOUSTICAL PANELS
ACP LAY-IN	ACOUSTIC PANEL CEILING PADS
ACS DR	ACCESS DOOR
ACS FLR	ACCESS FLOOR
ACS PNL	ACCESS PANEL
ACST	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
AD	AREA DRAIN
ADA	AMERICANS WITH DISABILITIES ACT
ADDL	ADDITIONAL
ADDM	ADDENDUM
ADJ	ADJUSTABLE / ADJACENT
ADMIN	ADMINISTRATION
AFC	ABOVE FINISHED COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFS	ABOVE FINISHED SLAB
AHR	ANCHOR
AHU	AIR HANDLING UNIT
ALNMT	ALIGNMENT
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
APC	ACOUSTICAL PANEL CEILING
APPROX	APPROXIMATELY
APPVD	APPROVED
APT	APARTMENT
ARCH	ARCHITECT(URAL)
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
ATC	ACOUSTICAL TILE CEILING
AUTO	AUTOMATIC
AVG	AVERAGE
AWP	WALL-MOUNTED SOUND ABSORPTION PANEL
AWT	ACOUSTIC WALL TREATMENT
BD	BOARD
BITUM	BITUMINOUS
BL	BASELINE
BL	BLACK
BLDG	BUILDING
BM	BEAM
BO	BLOWOFF
BOT	BOTTOM
BR	BEDROOM
BRG	BEARING
BS	BOTH SIDES
BSMT	BASEMENT
BTWN	BETWEEN
BUR	BUILT UP ROOFING
BW	BOTH WAYS
C	CELSIUS
C	CHANNEL
C TO C	CENTER TO CENTER
CAB	CABINET
CB	CATCH BASIN
CEM	CEMENT
CEM PLAS	CEMENT PLASTER (STUCCO)
CER	CERAMIC
CG	CORNER GUARD
CH	CHILLER
CH	COAT HOOK
CHBD	CHALKBOARD
CHFR	CHAMFER
CI	CAST IRON
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CL D	CLOTHES DRYER
CLG	CEILING
CLG HT	CEILING HEIGHT
CLL	CONTRACT LIMIT LINE
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CARBON MONOXIDE
CO	CASED OPENING
CO	CERTIFICATE OF OCCUPANCY
CO	CLEANOUT
CO	COMPANY
CO	CUTOUT
COL	COLUMN
COMB	COMBINATION
CONC	CONCRETE
CONC FLR	SEALED CONCRETE FLOOR
CONSTR	CONSTRUCTION
CONT	CONTINUE
CONT	CONTROLLER
CONV	CONVERT
CORR	CORRIDOR / CORRUGATED
CPT	CARPET
CR	CLOSET ROD
CR	CONTROL RELAY
CR	CONTROL ROOM
CR	CRASH RAIL
CS	CAST STONE
CS	CONTROL SWITCH
CSWK	CASEWORK
CT	CERAMIC TILE
CTB	CERAMIC TILE BASE
CTR	CENTER
CU	COPPER
CU FT	CUBIC FOOT
CU YD	CUBIC YARD
CUB	CUBICLE CURTAIN
CURT	CURTAIN
CW	CASEMENT WINDOW
CW	CHEMICAL WASTE LINE
CW	CLOCKWISE
CW	COLD WATER PIPING
D	DEEP
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLITION
DET	DETAIL
DF	DRINKING FOUNTAIN
DH	DOUBLE HUNG
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DISP	DISPENSER
DIV	DIVISION
DMPF	DAMPPROOFING
DR	DOOR / DRAIN
DS	DOWNSPOUT
DW	DISHWASHER
DWG	DRAWING
DWR	DRAWER
E	EAST
EA	EACH
EF	EACH FACE
EG	VERTICAL END GUARDS
EHD	ELECTRIC HAND DRYER
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EM	ELECTROMAGNETIC
EM	EXPANDED METAL
EMER	EMERGENCY
ENCL	ENCLOSED / ENCLOSURE
ENGR	ENGINEER
ENTR	ENTRANCE
EOS	EDGE OF SLAB
EPB	ELECTRIC PANEL BOARD
EQ	EQUAL(LY)
EQUIP	EQUIPMENT
ER	POURED EPOXY
ERF	POURED EPOXY FLOORING
ESCAL	ESCALATOR
EST	ESTIMATE
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXF	EXTERIOR FINISH
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FAB	FABRIC
FAI	FRESH AIR INTAKE
FBRK	FIREBRICK
FCP	PREFABRICATED FABRIC CEILING PANEL
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FDTN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF EL	FINISH FLOOR ELEVATION
FGL	FIBERGLASS
FH	FIRE HOSE
FHC	FIRE HOSE CABINET
FIN	FINISH(ED)
FIN FLR	FINISHED FLOOR
FIN FLR	FINISH FLOOR
FIXT	FIXTURE
FLASH	FLASH(ING)
FLR	FLOOR
FLRSK	FLOOR SINK
FLUOR	FLUORESCENT
FM	FACTORY MUTUAL
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUDS
FOW	FACE OF WALL
FP	FIREPROOF
FPL	FIREPLACE
FR	FRAME
FRG	FIBER REINFORCED GYPSUM
FRP	FIBERGLASS REINFORCED PLASTIC
FRT	FIRE RETARDANT TREATED
FSP	FIRE STAND PIPE
FSTNR	FASTENER
FTG	FOOTING
FURG	FURRING
FUT	FUTURE
FWC	FABRIC WALL COVER
FWP	NON-ACOUSTIC STRETCHED FABRIC PANEL WALL INSTALLATION
G	GROUND
GA	GAGE
GALV	GALVANIZE(D)
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GDISP	GARBAGE DISPOSAL
GEN	GENERAL
GFP	GFRP OR GFRG FREESTANDING PANEL
GFRG	GLASS FIBER REINFORCED GYPSUM
GFRP	GLASS FIBER REINFORCED POLYMER
GL	GLASS / GLAZING
GL BLK	GLASS BLOCK
GLT	GLASS MOSIAC TILE
GLZ	GLAZING
GLZ CMU	GLAZED CONCRETE MASONRY UNIT
GPM	GALLONS PER MINUTE
GR	GROSS
GR LN	GRADE LINE
GRAN	GRANITE
GT	GREASE TRAP
GT	GROSS TON
GT	GROUT
GYP	GYPSUM
GYP BD	GYPSUM BOARD
H	HIGH
HC	HOLLOW CORE
HCP	HANDICAPPED
HD	HEAVY DUTY
HD	HAND DRYER
HDBD	HARDBOARD
HDR	HEADER
HDW	HARDWARE
HDWD	HARDWOOD
HDWL	HEADWALL
HM	HOLLOW METAL
HNDRL	HANDRAIL
HORIZ	HORIZONTAL
HP	HEAT PUMP
HP	HIGH PRESSURE
HP	HORSEPOWER
HR	HAND RAIL
HS	HAND SINK
HT	HEIGHT
HVAC	HEATING / VENTILATION / AIR CONDITIONING
HW	HOT WATER
HWP	HOT WATER PUMP
HYD	HYDRANT
IC	IRONING CABINET
ID	INSIDE DIAMETER
IN	INCH / INCHES
INCL	INCLUDE(D) / INCLUDING
INSUL	INSULATE / INSULATION
INT	INTERIOR
INV	INVERT
ITS	INTERTEK TESTING SERVICES
J-BOX	JUNCTION BOX
JAN CLO	JANITOR'S CLOSET
JS	JANITOR'S SINK
KIT	KITCHEN
L	ANGLE
L	LITER
LAB	LABORATORY
LAM	LAMINATE(D)
LAV	LAVATORY
LB(S)	POUND(S)
LC	LINEN CLOSET
LF	LINEAR FOOT (FEET)
LH	LEFT HAND
LIB	LIBRARY
LINO	LINOLEUM
LKR	LOCKER
LNO	LINOLEUM
LPT	LOW POINT
LT	LIGHT
LTF	LINOLEUM TILE FLOORING
LTWT	LIGHT WEIGHT
LVR	LOUVER
m	METER
MACH	MACHINE
MAT	WALK-OFF MAT
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MB	MAIL BOX
MB	MIXING BOX
MBH	MOP/BROOM HOLDER
MC	MEDICINE CABINET
MCP	ACOUSTIC LAY-IN METAL CEILING PADS
ME	MECHANICAL ENGINEER
MECH	MECHANICAL
MED	MEDIUM
MEZZ	MEZZANINE
MFR	MANUFACTURE(R)
MH	MANHOLE
MIN	MINIMUM
MIRR	MIRROR
MISC	MISCELLANEOUS
MKR BD	MARKER BOARD
MLDG	MOULDING
mm	MILLIMETER
MO	MASONRY OPENING
MR	MOISTURE RESISTANT
MS	MOP SINK
MSB	MOP SERVICE BASIN
MTD	MOUNTED
MTL	METAL
MTS	METAL TRANSITION STRIP
MULL	MULLION
MVBL	MOVABLE
MW	MICROWAVE
N	NORTH
NA	NOT AVAILABLE / APPLICABLE
NAT	NATURAL
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OCC	OCCUPANCY
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OF / CI	OWNER FURNISHED / CONTRACTOR INSTALLED
OFF	OFFICE
OPH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
OZ	OUNCE
PAR	PARALLEL
PAR	PARAPET
PART	PARTIAL
PAT	PATTERN
PBD	PARTICLE BOARD
PCC	PRECAST CONCRETE
PED	PEDESTAL
PERF	PERFORATED
PERIM	PERIMETER
PERP	PERPENDICULAR
PL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTIC
PLAS	PLASTER
PLYWD	PLYWOOD
PR	PAIR
PREFAB	PREFABRICATED
PREFIN	PRE-FINISHED
PRF	POLYURETHANE SPORTS FLOORING
PROP	PROPERTY
PRST	PRESSURE TREATED
PS	POURED SEALANT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PAINT(ED)
PT/E	EPOXY PAINT
PT/F	FLAT PAINT
PT/HG	HIGH GLOSS PAINT
PT/SG	SEMIGLOSS PAINT
PTD	PAPER TOWEL DISPENSER
PTN	PARTITION
PV	PAVED
PVC	POLYVINYL CHLORIDE
PVG	PAVING
Q	HEAT TRANSFER
Q	RATE OF FLOW
QT	QUARRY TILE
QTY	QUANTITY
QZF	QUARTZ FLOORING
QZR	QUARTZ RESIN
QZT	QUARTZ TILE
R	RISER
R	RADIUS
RA	RETURN AIR
RB	RUBBER BASE
RB	RUBBER BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECESSED
RECPT	RECEPTACLE
REF	REFERENCE
REF	REFRIGERATOR
REFL	REFLECTED
REG	REGISTER
REINF	REINFORCE(D)
REQ	REQUIRED
RESIL	RESILIENT
REST	RESTROOM
RET	RETURN
REV	REVISE / REVISION
RF	RESILIENT FLOORING
RFG	ROOFING
RH	RIGHT HAND
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RR	RAILROAD
RR	ROLL ROOFING
RS	RAPID START
RS	ROUGH SAWN
RS	RUBBER SHEET
RSF	RUBBER SHEET FLOORING
RST	REINFORCING STEEL
RT	RIGHT
RTF	RUBBER TILE FLOORING
RTS	RUBBER TRANSITION STRIP
RWD	REDWOOD
RWL	RAIN WATER LEADER
S	SOUTH
SAN	SANITARY
SC	SOLID CORE
SCHED	SCHEDULE
SCRN	SCREEN
SCT	STRUCTURAL CLAY TILE
SD	SOAP DISPENSER
SECT	SECTION
SF	SQUARE FEET
SGL	SINGLE
SH	SINGLE HUNG
SHR	SHOWER
SHR HD	SHOWER HEAD
SHT	SHEET
SHTHG	SHEATHING
SIM	SIMILAR
SL	SEA LEVEL
SL	SPOT LIGHT
SLDG	SLIDING
SND	SANITARY NAPKIN DISPENSER
SNDU	SANITARY NAPKIN DISPOSAL UNIT
SPC	SUSPENDED PLASTER CEILING
SPEC	SPECIFY / SPECIFICATION
SPH	SOLID PHENOLIC POLYMER (TRESPA)
SPKR	SPEAKER
SPR	SOLID POLYMER RESIN (3FORM)
SQ	SQUARE
SQIN	SQUARE INCH(ES)
SSP	SOLID SURFACE POLYMER (CORIAN)
SSPR	SOLID POLYMER (CORIAN) RUB RAIL
SST	STAINLESS STEEL
SSTR	STAINLESS STEEL RUB RAIL
ST	SINGLE THROW
ST	STAIRS
ST	STREET
ST	STAIN
STA	STATION
STD	STANDARD
STF	STIFFENER
STON	STONE
STOR	STORAGE
STRUCT	STRUCTURE / STRUCTURAL
SUH	SUSPENDED UNIT HEATER
SURF	SURFACE
SUSP	SUSPENDED
SVP	VINYL SOLID PANEL (ACROVYN)
SW	SWITCH
SYMM	SYMMETRICAL
SYNTH	SYNTHETIC
SYS	SYSTEM
T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
T/S	TUB / SHOWER
TB	TOWEL BAR
TC	TERRA COTTA
TCZ	CEMENTITIOUS TERRAZZO
TEL	TELEPHONE
TEMP	TEMPERATURE
TEMP	TEMPORARY
THK	THICKNESS
THRES	THRESHOLD
THRU	THROUGH
TK BD	TACK BOARD
TKP	TACKABLE PANELING
TOC	TOP OF CONCRETE
TOS	TOP OF SLAB
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TR	ACCENT RAIL
TRTD	TREATED
TRZ	INTERIOR POURED EPOXY RESIN TERRAZO
TV	TELEVISION
TYP	TYPICAL
UC	UNDERCUT
UGND	UNDERGROUND
UL	UNDERWRITER'S LABORATORY
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
V	VOLT
VAC	VACUUM
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VENT	VENTILATE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VNR	VENEER
VOL	VOLUME
VP	VACUUM PUMP
VP	VANISHING POINT
VP	VAPOR PRESSURE
VP	VENEER PLASTER
VPC	VENEER PLASTIC CEILING/SOFFIT
VR	VAPOR RETARDER
VRR	VINYL (ACROVYN) RAIL
VS	VENT STACK
VS	VOLUMETRIC SWITCH
VS	SHEET VINYL
VT	SOLID VINYL TILE
VTR	VENT THRU ROOF
VTS	VINYL TRANSITION STRIP
VWC	VINYL WALLCOVERING
W	WIDE
W	WEST
W / W	WALL TO WALL
W/	WITH
W/D	WASHER / DRYER
W/O	WITHOUT
WB	WOOD BASE
WC	WATER CLOSET
WC	WALLCOVERING
WD	WOOD
WDH	WOOD HAND RAIL
WDM	WOOD WALL MOULDINGS
WDP	WOOD PANELING
WDR	WOOD CHAIR, CRASH, OR HAND RAIL
WDS	ATHLETIC/ACOUSTIC ISOLATED WOOD FLOORING
WDSHV	WOOD SHELVING
WDT	WOOD TILE OR PARQUET FLOORING
WDV	WOOD VENEER
WDW	WINDOW
WF	WIDE FLANGE
WGL	WIRED GLASS
WH	WALL HUNG
WI	WROUGHT IRON
WP	WATERPROOF
WP	WORKING POINT
WPM	WATERPROOF MEMBRANE
WR	WEATHER RESISTANT
WR	WIRE ROPE
WRP	WATER REPELLENT
WT	WEIGHT
WWF	WELDED WIRE FABRIC
XPS	EXTRUDED POLYSTYRENE
YD	YARD

SYMBOLS LEGEND

SEE DISCIPLINE SHEETS FOR DISCIPLINE SPECIFIC SYMBOLS



NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ABBREVIATIONS AND SYMBOLS

SCALE: As indicated PAGE: 7 OF 75

A-001.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 1:57:57 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

THIS PROJECT COMPLIES WITH THE FOLLOWING SAFE HARBORS:

GRAPHICS BELOW BASED ON **ANSI A117.1 - 2009**

PM OR PA TO IDENTIFY ALL SAFE HARBORS

THE GENERAL CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION MEETS OR EXCEEDS THE MINIMUM REQUIREMENTS OF ICC ANSI A117.1

ACCESIBLE UNITS:

1. ALL DWELLING UNITS ON THIS PROJECT ARE REQUIRED TO MEET BOTH ANSI A117.1 - 2009, TYPE B, AND FEDERALFAIR HOUSING GUIDELINES, UNLESS NOTED OTHERWISE.
2. DWELLING UNITS, AS NOTED, ARE REQUIRED TO MEET ANSI TYPE A, ADDITIONAL INFORMATION FOR THESE UNITS CAN BE FOUND ON SHEETS **A-XXX & A-XXX**

LOCAL CODE

NYC BUILDING CODE

DEPARTMENT OF BUILDINGS

CHAPTER 11, APPLICABLE PROVISIONS OF CHAPTER 10, APPENDIX E & N

FOR **ENTIRE BUILDING** IN NEW CONSTRUCTION, ALTERATIONS, AND CHANGES OF USE IN NEW YORK CITY

IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN CODES, THE MOST STRINGENT WILL PREVAIL

- **NYC BC 2022 CHAPTER 11**

ICC ANSI A117.1

INTERNATIONAL CODE COUNCIL

AMERICAN NATIONAL STANDARDS INSTITUTE

ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

FOR **ENTIRE BUILDING**, YEAR APPLICABLE (BY LOCAL CODE)

- **ICC ANSI A117.1 - 2009**

HUD FAIR HOUSING ACT

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENTS

OFFICE OF FAIR HOUSING AND EQUAL OPPORTUNITY AND THE OFFICE OF HOUSING

FOR **ENTIRE BUILDING** IN MOST RESIDENTIAL PROJECTS

- **FAIR HOUSING ACT DESIGN MANUAL 1988**

UFAS

UNITED STATES ACCESS BOARD

GENERAL SERVICES ADMINISTRATION, DEPARTMENT OF HOUSING AND URBAN

DEVELOPMENT, DEPARTMENT OF DEFENSE, UNITED STATES POSTAL SERVICE

FOR **ENTIRE BUILDING** IN FEDERAL AND FEDERALLY-FUNDED FACILITIES

- **UNIFORM FEDERAL ACCESSIBILITY STANDARDS**

ADA STANDARDS

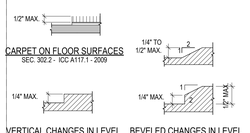
DEPARTMENT OF JUSTICE

AMERICANS WITH DISABILITIES ACT OF 1990

FOR **PUBLIC SPACES** IN NEWLY DESIGN AND CONSTRUCTED OR ALTERED STATE AND LOCAL GOVERMENT FACILITIES, PUBLIC ACCOMMODATIONS, AND COMMERCIAL FACILITIES

- **2010 ADA STANDARDS FOR ACCESSIBLE DESIGN**

3 - BUILDING BLOCKS

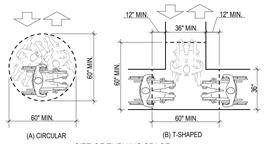


CARPET ON FLOOR SURFACES SEC. 302.2 - ICC A117.1 - 2009

VERTICAL CHANGES IN LEVEL SEC. 303.2 - ICC A117.1 - 2009

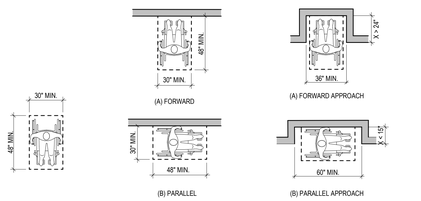
BEVELED CHANGES IN LEVEL SEC. 303.3 - ICC A117.1 - 2009

FLOOR SURFACES



SIZE OF TURNING SPACE SEC. 304.3 - ICC A117.1 - 2009

TURNING SPACE

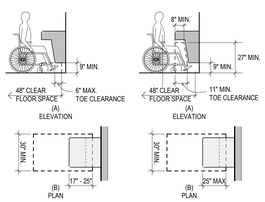


SIZE OF CLEAR FLOOR SPACE SEC. 305.3 - ICC A117.1 - 2009

POSITION OF CLEAR FLOOR SPACE SEC. 305.5 - ICC A117.1 - 2009

MANEUVERING CLEARANCE IN AN ALCOVE SEC. 305.7 - ICC A117.1 - 2009

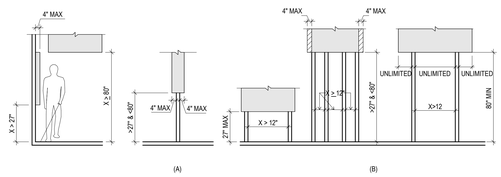
CLEAR FLOOR SPACE



TOE CLEARANCE SEC. 306.2 - ICC A117.1 - 2009

KNEE CLEARANCE SEC. 306.3 - ICC A117.1 - 2009

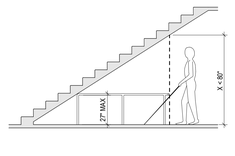
KNEE AND TOE CLEARANCES



LIMITS OF PROTRUDING OBJECTS SEC. 307.2 - ICC A117.1 - 2009

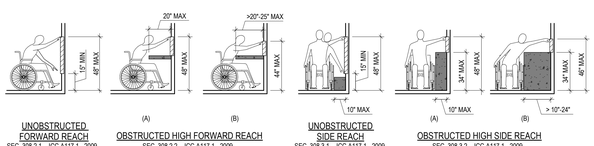
POST-MOUNTED PROTRUDING OBJECTS SEC. 307.3 - ICC A117.1 - 2009

PROTRUDING OBJECTS



REQUIRED VERTICAL CLEARANCE SEC. 307.4 - ICC A117.1 - 2009

VERTICAL CLEARANCE



UNOBSTRUCTED FORWARD REACH SEC. 308.2.1 - ICC A117.1 - 2009

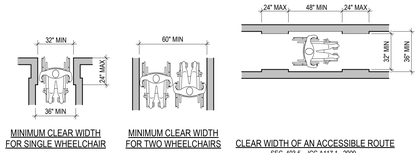
OBSTRUCTED HIGH FORWARD REACH SEC. 308.2.2 - ICC A117.1 - 2009

UNOBSTRUCTED SIDE REACH SEC. 308.3.1 - ICC A117.1 - 2009

OBSTRUCTED HIGH SIDE REACH SEC. 308.3.2 - ICC A117.1 - 2009

REACH RANGES

4 - ACCESSIBLE ROUTES

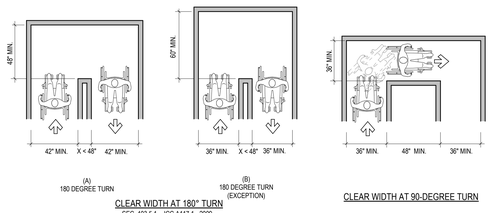


MINIMUM CLEAR WIDTH FOR SINGLE WHEELCHAIR

MINIMUM CLEAR WIDTH FOR TWO WHEELCHAIRS

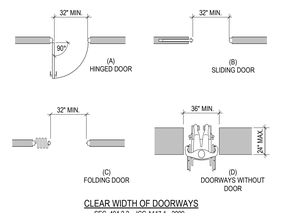
CLEAR WIDTH OF AN ACCESSIBLE ROUTE SEC. 403.5 - ICC A117.1 - 2009

WALKING SURFACES



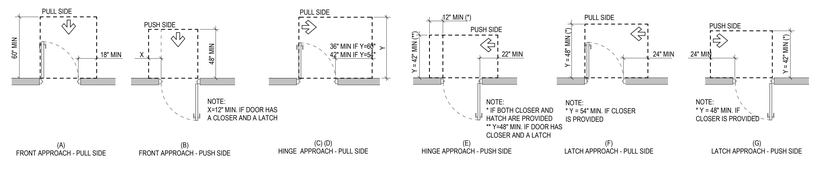
CLEAR WIDTH AT 180° TURN SEC. 403.5.1 - ICC A117.1 - 2009

CLEAR WIDTH AT 90-DEGREE TURN

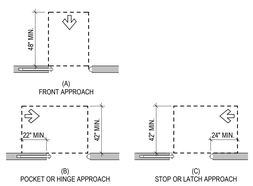


CLEAR WIDTH OF DOORWAYS SEC. 404.2.2 - ICC A117.1 - 2009

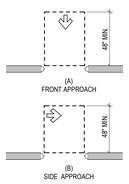
DOORS AND DOORWAYS



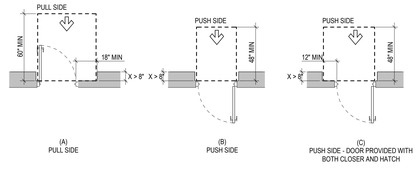
MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS SEC. 404.2.3.2 - ICC A117.1 - 2009



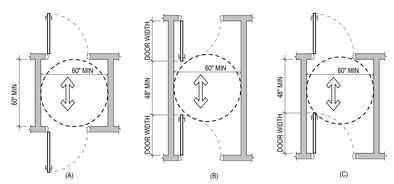
MANEUVERING CLEARANCE AT SLIDING AND FOLDING DOORS SEC. 404.2.3.3 - ICC A117.1 - 2009



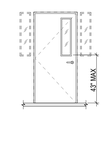
MANEUVERING CLEARANCE AT DOORWAYS WITHOUT DOORS SEC. 404.2.3.4 - ICC A117.1 - 2009



MANEUVERING CLEARANCE AT RECESSED DOORS SEC. 404.2.3.5 - ICC A117.1 - 2009

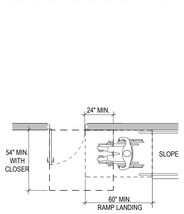


TWO HINGED DOORS IN A SERIES SEC. 404.2.5 - ICC A117.1 - 2009

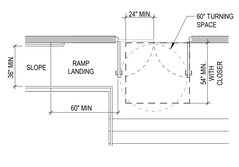


VISION LITES SEC. 404.2.10 - ICC A117.1 - 2009

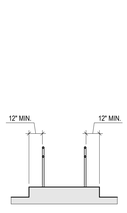
DOORS AND DOORWAYS



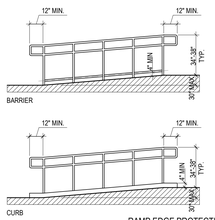
DOORWAYS SEC. 405.7.5 - ICC A117.1 - 2009

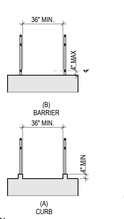


RAMP LANDING ADJACENT TO LOCKABLE DOORS SEC. 405.7.5 - ICC A117.1 - 2009

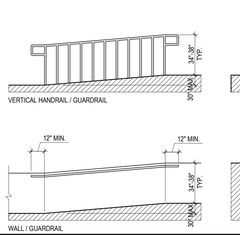


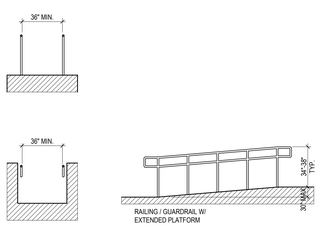
EXTENDED FLOOR SURFACES SEC. 405.9.1 - ICC A117.1 - 2009

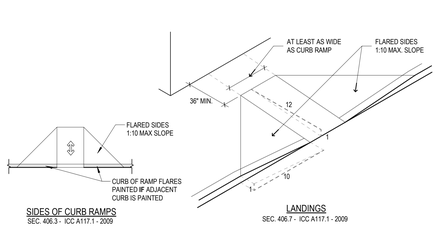




RAMP EDGE PROTECTION SEC. 405.9.2 - ICC A117.1 - 2009



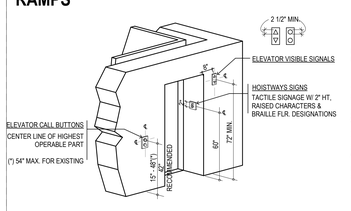




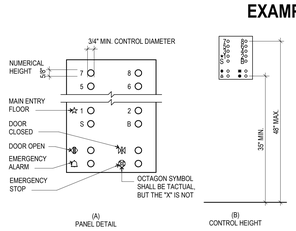
SIDES OF CURB RAMPS SEC. 406.3 - ICC A117.1 - 2009

LANDINGS SEC. 406.7 - ICC A117.1 - 2009

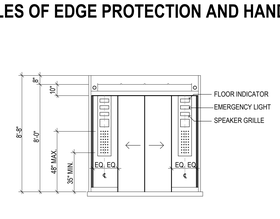
RAMPS



ELEVATOR ENTRANCE @ LOBBY

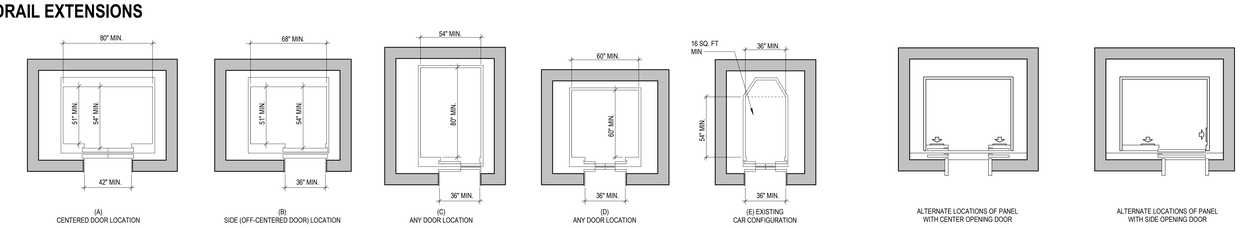


ELEVATOR CAB REQUIREMENTS



ELEVATOR CAB INTERIOR

EXAMPLES OF EDGE PROTECTION AND HANDRAIL EXTENSIONS



INSIDE DIMENSIONS OF ELEVATOR CARS SEC. 407.4.1 - ICC A117.1 - 2009

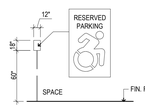
ALTERNATE LOCATIONS OF PANEL WITH CENTER OPENING DOOR

ALTERNATE LOCATIONS OF PANEL WITH SIDE OPENING DOOR

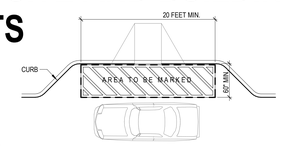
CAR CONTROLS

TYP. ELEVATOR REQUIREMENT

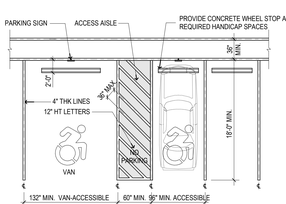
5 - GRAL. SITE AND BUILDING ELEMENTS

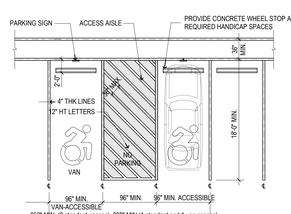


PARKING SIGNAGE

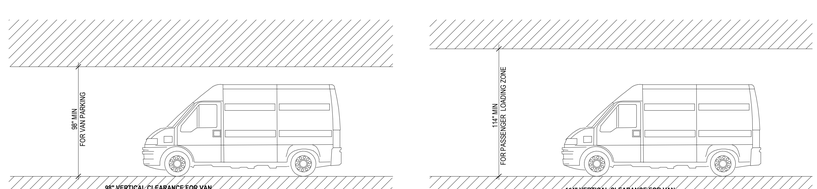


PASSENGER LOADING ZONE ACCESS AISLE SEC. 503.3 - ICC A117.1 - 2009



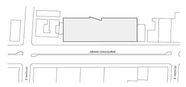


PARKING SPACE ACCESS AISLE SEC. 502.4 - ICC A117.1 - 2009



VERTICAL CLEARANCE FOR VAN PARKING & PASSENGER LOADING ZONE

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ACCESSIBILITY DIAGRAMS AND NOTES 1
ICC ANSI 117.1 2009

SCALE: 1/4" = 1'-0" PAGE: 8 OF 75

A-002.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

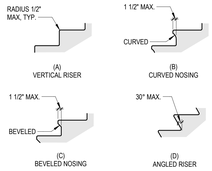
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 7:49:27 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

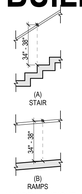
5 - GENERAL SITE AND BUILDING ELEMENTS

ONLY ACCESSIBLE WHEN IT CONNECTS LEVELS NOT CONNECTED BY AN ELEVATOR

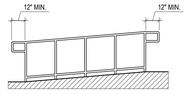
TREADS & RISERS FOR ACCESSIBLE STAIRWAYS
SEC. 504.2 - ICC A117.1 - 2009



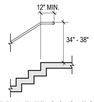
STAIR NOSINGS
SEC. 504.5 - ICC A117.1 - 2009



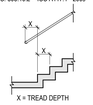
HANDRAIL HEIGHT
SEC. 505.4 - ICC A117.1 - 2009



TOP & BOTTOM HANDRAIL EXTENSIONS AT RAMPS
SEC. 505.10.1 - ICC A117.1 - 2009

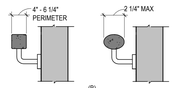


TOP HANDRAIL EXTENSIONS AT STAIRS
SEC. 505.10.2 - ICC A117.1 - 2009



BOTTOM HANDRAIL EXTENSIONS AT STAIRS
SEC. 505.10.3 - ICC A117.1 - 2009

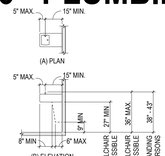
HANDRAIL CLEARANCE
SEC. 505.5 - ICC A117.1 - 2009



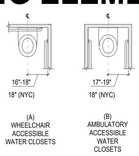
HANDRAIL CROSS SECTION
SEC. 505.7 - ICC A117.1 - 2009

STAIR AND HANDRAILS

6 - PLUMBING ELEMENTS AND FACILITIES

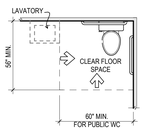


DRINKING FOUNTAIN SPOUT LOCATION
SEC. 602.5 - ICC A117.1 - 2009

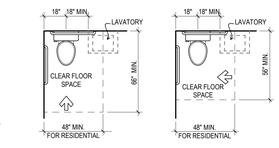


WATER CLOSET LOCATION
SEC. 604.2 - ICC A117.1 - 2009

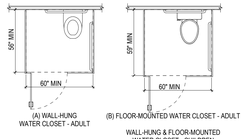
CHILDREN'S WATER CLOSET LOCATION
SEC. 604.11.2 - ICC A117.1 - 2009



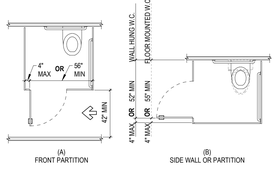
SIZE OF CLEARANCE FOR WATER CLOSET
SEC. 604.3 - ICC A117.1 - 2009



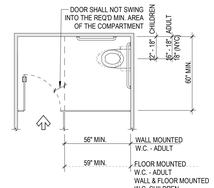
CLEAR FLOOR SPACE AT WATER CLOSETS
48" MIN. FOR RESIDENTIAL WC



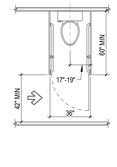
WHEELCHAIR ACCESSIBLE TOILET COMPARTMENTS
SEC. 604.9.2 - ICC A117.1 - 2009



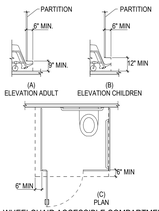
WHEELCHAIR ACCESSIBLE COMPARTMENT DOOR OPENINGS
SEC. 604.9.3.1 (A) (B) - ICC A117.1 - 2009



WHEELCHAIR ACCESSIBLE COMPARTMENT DOOR OPENINGS - ALTERNATE
SEC. 604.9.3.1(C) - ICC A117.1 - 2009

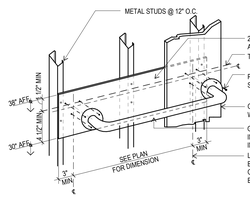


AMBULATORY ACCESSIBLE COMPARTMENT
SEC. 604.10 - ICC A117.1 - 2009

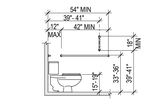


WHEELCHAIR ACCESSIBLE COMPARTMENT TOE CLEARANCE
SEC. 604.9.5 - ICC A117.1 - 2009

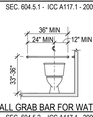
TOILET AND BATHING ROOMS



GRAB BAR DETAIL



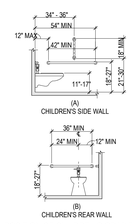
SIDE WALL GRAB BAR FOR WATER CLOSET
SEC. 604.5.1 - ICC A117.1 - 2009



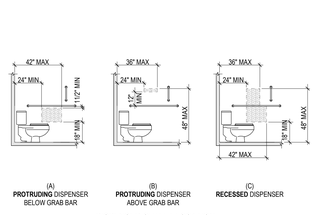
REAR WALL GRAB BAR FOR WATER CLOSET
SEC. 604.5.2 - ICC A117.1 - 2009

CHILDREN'S DISPENSER OUTLET LOCATION
SEC. 604.11.7 - ICC A117.1 - 2009

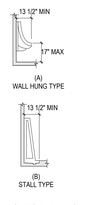
CHILDREN'S WATER CLOSET HEIGHT
SEC. 604.11.4 - ICC A117.1 - 2009



POSITION OF CHILDREN'S GRAB BARS
SEC. 609.4.2 - ICC A117.1 - 2009



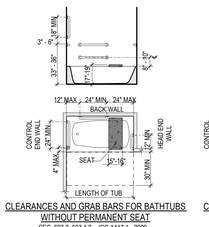
DISPENSER OUTLET LOCATION
SEC. 604.7 - ICC A117.1 - 2009



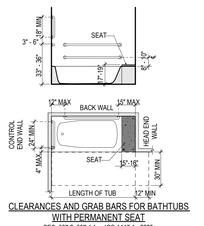
HEIGHT OF URINALS
SEC. 609.2 - ICC A117.1 - 2009

URINALS

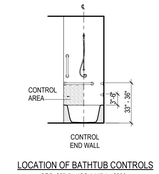
BATHTUBS



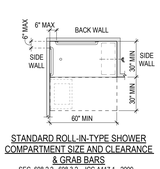
CLEARANCES AND GRAB BARS FOR BATHTUBS WITHOUT PERMANENT SEAT
SEC. 607.2, 607.4.2 - ICC A117.1 - 2009



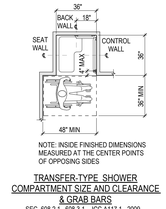
CLEARANCES AND GRAB BARS FOR BATHTUBS WITH PERMANENT SEAT
SEC. 607.2, 607.4.1 - ICC A117.1 - 2009



LOCATION OF BATHTUB CONTROLS
SEC. 607.5 - ICC A117.1 - 2009



STANDARD ROLL-IN-TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE & GRAB BARS
SEC. 608.2.2 , 608.3.2 - ICC A117.1 - 2009



TRANSFER-TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE & GRAB BARS
SEC. 608.2.1 , 608.3.1 - ICC A117.1 - 2009

TOILET AND BATHING ROOMS

DASHED CROSSHATCHED AREAS ARE REINFORCED TO RECEIVE GRAB BARS.

REINFORCED AREAS GRAB BARS AT BATH TUB & LOCATION OF CONTROLS
(WITH SEAT AT HEAD OF THE TUB)

NOTE:
(1) DASHED CROSSHATCHED AREAS ARE REINFORCED TO RECEIVE GRAB BARS.

REINFORCED AREAS GRAB BARS AT BATH TUB & LOCATION OF CONTROLS
(WITH SEAT IN TUB)

NOTE:
(1) DASHED CROSSHATCHED AREAS ARE REINFORCED TO RECEIVE GRAB BARS.
(2) EITHER SIDE.
(3) PROVIDE BLOCKING FOR SEAT INSTALLATION.

REINFORCED AREAS GRAB BARS AT SHOWER & LOCATION OF CONTROLS
THE SHOWER HEAD & CONTROL AREA MAY BE ON BACK WALL (AS SHOWN OR ON THE FRONT)

SIZE OF GRAB BARS
SEC. 609.2 - ICC A117.1 - 2009

SPACING OF GRAB BARS
SEC. 609.3 - ICC A117.1 - 2009

GRAB BARS

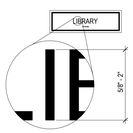
HEIGHT OF LAUNDRY EQUIPMENT
SEC. 611.4 - ICC A117.1 - 2009

WASHING MASHINES & DRYERS

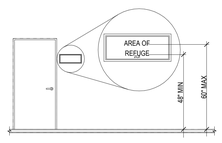
MIRRORS
SEC. 603.3 - ICC A117.1 - 2009

MIRROR AND STORAGE

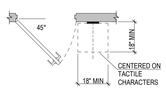
7 - COMMUNICATION ELEMENTS AND FEATURES



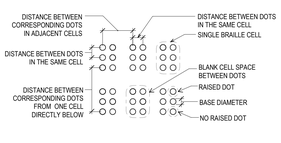
CHARACTER HEIGHT
SEC. 703.3.5 - ICC A117.1 - 2009



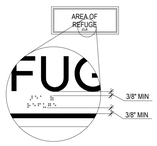
HEIGHT OF RAISED CHARACTERS ABOVE FLOOR
SEC. 703.3.10 - ICC A117.1 - 2009



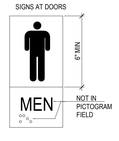
LOCATION OF SIGNS AT DOORS
SEC. 703.3.11 - ICC A117.1 - 2009



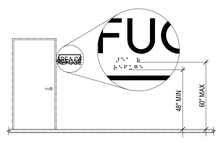
BRAILLE MEASUREMENT
SEC. 703.4.3 - ICC A117.1 - 2009



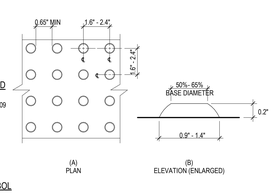
POSITION OF BRAILLE
SEC. 703.4.4 - ICC A117.1 - 2009



PICTOGRAM FIELD
SEC. 703.5 - ICC A117.1 - 2009



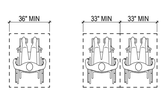
HEIGHT OF BRAILLE CHARACTERS ABOVE FLOOR
SEC. 703.4.5 - ICC A117.1 - 2009



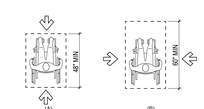
TRUNCATED DOME SIZE AND SPACING
SEC. 705.5 - ICC A117.1 - 2009

SIGNS

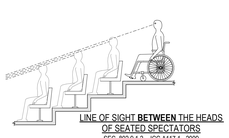
8 - SPECIAL ROOMS AND SPACES



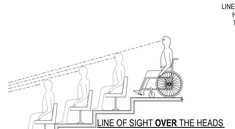
WIDTH OF A WHEELCHAIR SPACE IN ASSEMBLY AREAS
SEC. 802.3 - ICC A117.1 - 2009



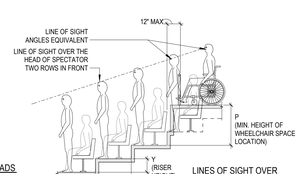
WIDTH OF A WHEELCHAIR SPACE IN ASSEMBLY AREAS
SEC. 802.4 - ICC A117.1 - 2009



LINE OF SIGHT **BETWEEN** THE HEADS OF SEATED SPECTATORS
SEC. 802.9.1.2 - ICC A117.1 - 2009

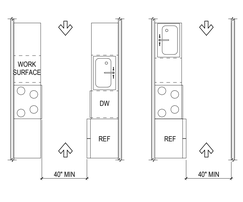


LINE OF SIGHT **OVER** THE HEADS OF SEATED SPECTATORS
SEC. 802.9.1.1 - ICC A117.1 - 2009

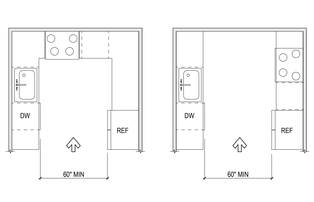


LINES OF SIGHT OVER **STANDING** SPECTATORS
SEC. 802.9.2 - ICC A117.1 - 2009

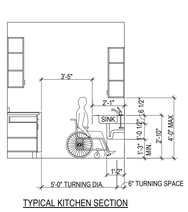
ASSEMBLY AREAS



PASS-THROUGH KITCHEN CLEARANCE
SEC. 804.2.1 - ICC A117.1 - 2009



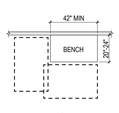
U-SHAPPED KITCHEN CLEARANCE
SEC. 804.2.2 - ICC A117.1 - 2009

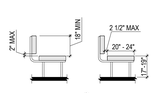


TYPICAL KITCHEN SECTION
(ADAPTABLE TO BARRIER FREE DESIGN)

KITCHENS AND KITCHENETTES

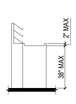
9 - BUILT-IN FURNISHINGS AND EQUIPMENT





BENCHES
SEC. 903 - ICC A117.1 - 2009

BENCHES

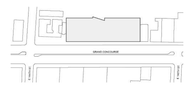


HEIGHT OF CHECKOUT COUNTERS
SEC. 904.4.2 - ICC A117.1 - 2009

SALES AND SERVICE COUNTERS

S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T.212.457.4077
S9ARCHITECTURE.COM

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ACCESSIBILITY DIAGRAMS AND NOTES 2 ICC ANSI 117.1 2009

SCALE: 1/4" = 1'-0" PAGE:9 OF 75

A-003.00

DOB SCAN STICKER

SEAL

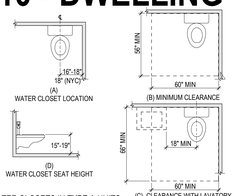
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

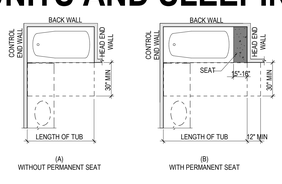
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 1:06:29 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

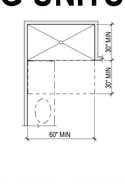
10 - DWELLING UNITS AND SLEEPING UNITS



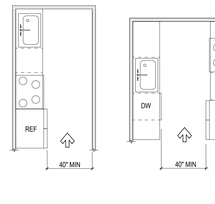
WATER CLOSETS IN **TYPE A** UNITS
SEC. 1003.11.2.4 - ICC A117.1 - 2009



CLEARANCE FOR BATHTUBS IN **TYPE A** UNITS
SEC. 1003.11.2.5.1 - ICC A117.1 - 2009

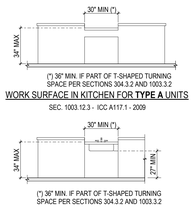


STANDARD ROLL-IN-TYPE SHOWER COMPARTMENT IN **TYPE A** UNITS
SEC. 1003.11.2.5.2 - ICC A117.1 - 2009



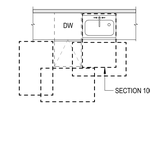
MINIMUM KITCHEN CLEARANCE IN **TYPE A** UNITS
SEC. 1003.12.1.1 - ICC A117.1 - 2009

U-SHAPED KITCHEN CLEARANCE IN **TYPE A & B** UNITS
SEC. 1003.12.1.2 & 1004.12.1.2 - ICC A117.1 - 2009

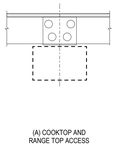


KITCHEN SINK FOR **TYPE A** UNITS
SEC. 1003.12.4 - ICC A117.1 - 2009

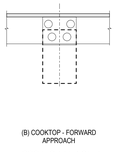
CLEAR FLOOR SPACE AT DOUBLE BOWL SINK **TYPE A** UNITS
SEC. 1003.12.4.1 - ICC A117.1 - 2009



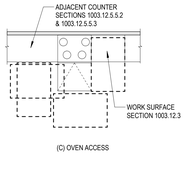
DISHWASHER ACCESS OPTIONS **TYPE A** UNITS
SEC. 1003.12.5.3 - ICC A117.1 - 2009



(A) COOKTOP AND RANGE TOP ACCESS



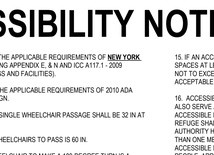
(B) COOKTOP - FORWARD APPROACH



(C) OVEN ACCESS

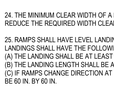
COOKTOP AND OVEN (**TYPE A** UNITS)
SEC. 1003.12.5.4 - ICC A117.1 - 2009

TYPE A UNITS



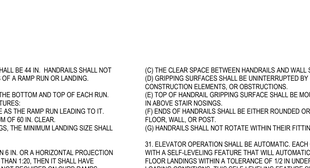
LAVATORY IN **TYPE B** UNITS - OPTION A BATHROOMS
SEC. 1004.11.3.1.1 - ICC A117.1 - 2009

CLEARANCE AT WATER CLOSETS IN **TYPE B** UNITS
SEC. 1004.11.3.1.2 - ICC A117.1 - 2009

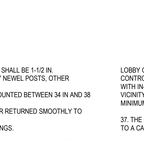


LAVATORY IN **TYPE B** UNITS - OPTION B BATHROOMS
SEC. 1004.11.3.2.1 - ICC A117.1 - 2009

KITCHEN - TYPE A

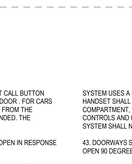


PARALLEL APPROACH BATHTUB IN **TYPE B** UNITS - OPTION A BATHROOMS
SEC. 1004.11.3.1.3.1 - ICC A117.1 - 2009



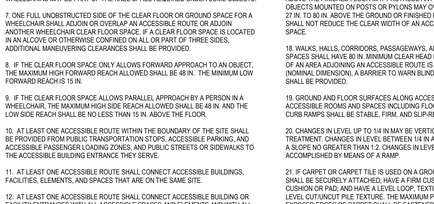
BATHROOM CLEARANCE IN **TYPE B** UNITS - OPTION B BATHROOMS
SEC. 1004.11.3.2.3.1 - ICC A117.1 - 2009

FORWARD APPROACH BATHTUB IN **TYPE B** UNITS - OPTION A BATHROOMS
SEC. 1004.11.3.2.3.2 - ICC A117.1 - 2009



TRANSFER-TYPE SHOWER COMPARTMENT IN **TYPE B** UNITS
SEC. 1004.11.3.1.3.3 - ICC A117.1 - 2009

TYPE B UNITS

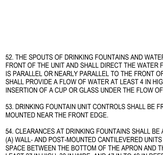


MINIMUM KITCHEN CLEARANCE IN **TYPE A & B** UNITS
SEC. 1003.12.1.1 & 1004.12.1.1 - ICC A117.1 - 2009

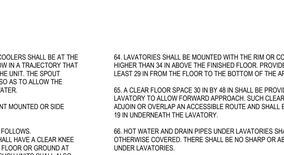
U-SHAPED KITCHEN CLEARANCE IN **TYPE A & B** UNITS
SEC. 1003.12.1.2 & 1004.12.1.2 - ICC A117.1 - 2009

KITCHEN TYPE B

CLEAR FLOOR SPACE AT DOUBLE BOWL SINK **TYPE B** UNITS
SEC. 1004.12.2.1 - ICC A117.1 - 2009



DISHWASHER ACCESS OPTIONS **TYPE B** UNITS
SEC. 1004.12.2.2 - ICC A117.1 - 2009



(A) COOKTOP AND RANGE TOP ACCESS

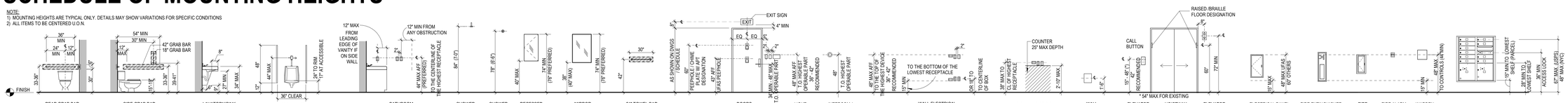
(B) OVEN ACCESS

COOKTOP AND OVEN (**TYPE B** UNITS)
SEC. 1004.12.2.3.3 - ICC A117.1 - 2009

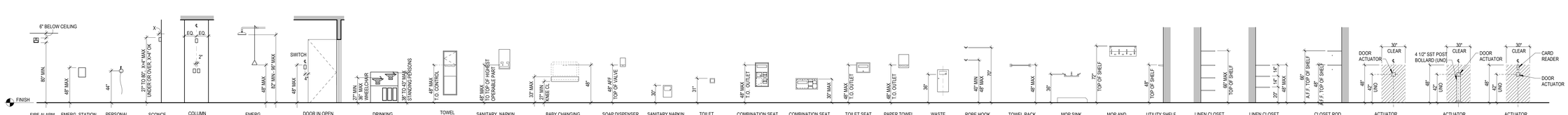
TYPE A & B UNITS

SCHEDULE OF MOUNTING HEIGHTS

NOTE:
1) MOUNTING HEIGHTS ARE TYPICAL ONLY. DETAILS MAY SHOW VARIATIONS FOR SPECIFIC CONDITIONS
2) ALL ITEMS TO BE CENTERED U.O.N.



REAR GRAB BAR REINFORCING STRIP
SIDE GRAB BAR REINFORCING STRIP
LAVATORY/SINK
URINAL FLUSH VALVE
BATHROOM RECEPTACLES
SHOWER HEAD
SHOWER ROD
RECESSED MEDICINE CABINET
MIRROR (40" AFF MAX OR BOTTOM OF REFLECTIVE SURFACE)
24" TOWEL BAR W/ REINF. STRIP
DOORS
LIGHT SWITCHES
INTERCOM / THERMOSTAT
WALL ELECTRICAL DEVICES
WALL ELECTRICAL DEVICES ABOVE COUNTER
WALL MOUNTED HEATER
ELEVATOR CALL BUTTONS SEC. 407.2.1.1 ICC A117.1 - 2009
HOISTWAY SIGNS SEC. 407.2.3.2 ICC A117.1 - 2009
ELEVATOR VISIBLE SIGNALS SEC. 407.2.2.2 ICC A117.1 - 2009
ELECTRICAL PANEL BOARDS
FIRE EXTINGUISHER AND VALVE CABINET
FIRE EXTINGUISHER CABINET
FIRE ALARM PULL STATION
WARDEN STATION
MAILBOX CHECK WITH LOCAL CODE, 48" MAX (NYC)



FIRE ALARM STROBE/ SPEAKER
EMERG. STATION /GAS SHUT-OFF BOX
PERSONAL EMERGENCY PULL SWITCH
SCONCE
COLUMN ENCLOSURES
EMERG. SHOWER
DOOR IN OPEN POSITION
DRINKING FOUNTAIN
TOWEL DISPENSER / WASTE RECEPTACLE
SANITARY NAPKIN DISPENSER
BABY CHANGING STATION - RECESSED
SOAP DISPENSER
SANITARY NAPKIN DISPOSAL
TOILET TISSUE DISPENSER
COMBINATION SEAT COVER DISPENSER, PAPER TISSUE DISPENSER W/ WASTE RECEPTACLE
COMBINATION SEAT COVER DISPENSER, PAPER TISSUE DISPENSER W/ WASTE RECEPTACLE
TOILET SEAT COVER DISPENSER
PAPER TOWEL DISPENSER (RECESSED)
WASTE RECEPTACLE
ROBE HOOK
TOWEL RACK
MOP SINK BASIN
MOP AND BROOM HOLDER
UTILITY SHELF
LINEN CLOSET SHELVING
LINEN CLOSET SHELVING (UFAS)
CLOSET ROD & SHELF
ACTUATOR WALL-MOUNTED
ACTUATOR FLOOR-MOUNTED
ACTUATOR WALL-MOUNTED WITH CARD READER

ACCESSIBILITY NOTES

1. ALL WORK SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF **NEW YORK CITY** BUILDING CODE **2022** - INCLUDING APPENDIX E, & N AND ICC A117.1 - 2009 (ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES).

2. ALL WORK SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.

3. THE MINIMUM CLEAR WIDTH FOR SINGLE WHEELCHAIR PASSAGE SHALL BE 32 IN AT A POINT AND 36 IN CONTINUOUSLY.

4. THE MINIMUM WIDTH FOR TWO WHEELCHAIRS TO PASS IS 60 IN.

5. THE SPACE REQUIRED FOR A WHEELCHAIR TO MAKE A 180-DEGREE TURN IS A CLEAR SPACE OF 60 IN. DIAMETER.

6. THE MINIMUM CLEAR FLOOR OR GROUND SPACE REQUIRED TO ACCOMMODATE A SINGLE, STATIONARY WHEELCHAIR OCCUPANT IS 30 IN BY 48 IN. THE MINIMUM CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS MAY BE POSITIONED FOR FORWARD OR PARALLEL APPROACH TO AN OBJECT. CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS MAY BE PART OF THE KNEE SPACE REQUIRED UNDER SOME OBJECTS.

7. ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE FOR A WHEELCHAIR SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER WHEELCHAIR CLEAR FLOOR SPACE. IF A CLEAR FLOOR SPACE IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING CLEARANCES SHALL BE PROVIDED.

8. IF THE CLEAR FLOOR SPACE ONLY ALLOWS FORWARD APPROACH TO AN OBJECT, THE MAXIMUM HIGH FORWARD REACH ALLOWED SHALL BE 48 IN. THE MINIMUM LOW FORWARD REACH IS 15 IN.

9. IF THE CLEAR FLOOR SPACE ALLOWS PARALLEL APPROACH BY A PERSON IN A WHEELCHAIR, THE MAXIMUM HIGH SIDE REACH ALLOWED SHALL BE 48 IN. AND THE LOW SIDE REACH SHALL BE NO LESS THAN 15 IN. ABOVE THE FLOOR.

10. AT LEAST ONE ACCESSIBLE ROUTE WITHIN THE BOUNDARY OF THE SITE SHALL BE PROVIDED FROM PUBLIC TRANSPORTATION STOPS, ACCESSIBLE PARKING, AND ACCESSIBLE PASSENGER LOADING ZONES, AND PUBLIC STREETS OR SIDEWALKS TO THE ACCESSIBLE BUILDING ENTRANCE THEY SERVE.

11. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, FACILITIES, ELEMENTS, AND SPACES THAT ARE ON THE SAME SITE.

12. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDING OR FACILITY ENTRANCES WITH ALL ACCESSIBLE SPACES AND ELEMENTS AND WITH ALL ACCESSIBLE DWELLING UNITS WITHIN THE BUILDING OR FACILITY.

13. AN ACCESSIBLE ROUTE SHALL CONNECT AT LEAST ONE ACCESSIBLE ENTRANCE OF EACH ACCESSIBLE DWELLING UNIT WITH THOSE EXTERIOR AND INTERIOR SPACES AND FACILITIES THAT SERVE THE ACCESSIBLE DWELLING UNIT.

14. THE MINIMUM CLEAR WIDTH OF AN ACCESSIBLE ROUTE SHALL BE 36 IN. EXCEPT AT DOORS.

15. IF AN ACCESSIBLE ROUTE HAS LESS THAN 60 IN. CLEAR WIDTH, THEN PASSING SPACES AT LEAST 60 IN. BY 60 IN. SHALL BE LOCATED AT REASONABLE INTERVALS NOT TO EXCEED 200 FT. A T-INTERSECTION OF TWO CORRIDORS OR WALKS IS AN ACCEPTABLE PASSING PLACE.

16. ACCESSIBLE ROUTES SERVING ANY ACCESSIBLE SPACE OR ELEMENT SHALL ALSO SERVE AS A MEANS OF EGRESS FOR EMERGENCIES OR CONNECT TO AN ACCESSIBLE PLACE OF REFUGE. SUCH ACCESSIBLE ROUTES AND PLACES OF REFUGE SHALL COMPLY WITH THE REQUIREMENTS OF THE ADMINISTRATIVE AUTHORITY HAVING JURISDICTION. WHERE FIRE CODE PROVISIONS REQUIRE MORE THAN ONE MEANS OF EGRESS FROM ANY SPACE OR ROOM, THEN MORE THAN ONE ACCESSIBLE MEANS OF EGRESS SHALL ALSO BE PROVIDED FOR HANDICAPPED PEOPLE. ARRANGE EGRESS SO AS TO BE READILY ACCESSIBLE FROM ALL ACCESSIBLE ROOMS AND SPACES.

17. OBJECTS PROJECTING FROM WALLS (FOR EXAMPLE, TELEPHONES) WITH THEIR LEADING EDGES BETWEEN 27 IN. AND 80 IN. ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4 IN. INTO WALKS, HALLS, CORRIDORS, PASSAGEWAYS, OR AISLES. OBJECTS MOUNTED WITH THEIR LEADING EDGES AT OR BELOW 27 IN. ABOVE THE FINISHED FLOOR MAY PROTRUDE ANY AMOUNT. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS MAY OVERHANG 12 IN. MAXIMUM FROM 27 IN. TO 80 IN. ABOVE THE GROUND OR FINISHED FLOOR. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH OF AN ACCESSIBLE ROUTE OR MANEUVERING SPACE.

18. WALKS, HALLS, CORRIDORS, PASSAGEWAYS, AISLES, OR OTHER CIRCULATION SPACES SHALL HAVE 80 IN. MINIMUM CLEAR HEAD ROOM. IF VERTICAL CLEARANCE OF AN AREA ADJOINING AN ACCESSIBLE ROUTE IS REDUCED TO LESS THAN 80 IN. (NOMINAL DIMENSION), A BARRIER TO WARN BLIND OR VISUALLY-IMPAIRED PERSONS SHALL BE PROVIDED.

19. LIGHTING AND FLOOR SURFACES ALONG ACCESSIBLE ROUTES AND IN ACCESSIBLE ROOMS AND SPACES INCLUDING FLOORS, WALKS, RAMPS, STAIRS, AND CURB RAMPS SHALL BE STABLE, FIRM, AND SLIP-RESISTANT.

20. CHANGES IN LEVEL UP TO 1/4 IN MAY BE VERTICAL AND WITHOUT EDGE TREATMENT. CHANGES IN LEVEL BETWEEN 1/4 IN AND 1/2 IN SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2 IN SHALL BE ACCOMPLISHED BY MEANS OF A RAMP.

21. IF CARPET OR CARPET TILE IS USED ON A GROUND OR FLOOR SURFACE, THEN IT SHALL BE SECURELY ATTACHED; HAVE A FIRM CUSHION, PAD, OR BACKING OR NO CUSHION OR PAD; AND HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, OR LEVEL CUT/UNCUT PILE TEXTURE. THE MAXIMUM PILE HEIGHT SHALL BE 1/2 IN. EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE. IF CARPET TILE IS USED ON AN ACCESSIBLE GROUND OR FLOOR SURFACE, IT SHALL HAVE A MAXIMUM COMBINED THICKNESS OF PILE, CUSHION, AND BACKING HEIGHT OF 1/2 IN.

22. ANY PART OF AN ACCESSIBLE ROUTE WITH A SLOPE GREATER THAN 1:20 SHALL BE CONSIDERED A RAMP.

23. THE LEAST POSSIBLE SLOPE SHALL BE USED FOR ANY RAMP. THE MAXIMUM SLOPE OF A RAMP IN NEW CONSTRUCTION SHALL BE 1:12. THE MAXIMUM RISE FOR ANY RUN SHALL BE 30 IN.

24. THE MINIMUM CLEAR WIDTH OF A RAMP SHALL BE 44 IN. HANDRAILS SHALL NOT REDUCE THE REQUIRED WIDTH CLEARANCES OF A RAMP RUN OR LANDING.

25. RAMPS SHALL HAVE LEVEL LANDINGS AT THE BOTTOM AND TOP OF EACH RUN. LANDINGS SHALL HAVE THE FOLLOWING FEATURES:
(A) THE LANDING SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.
(B) THE LANDING LENGTH SHALL BE A MINIMUM OF 60 IN. CLEAR.
(C) IF RAMPS CHANGE DIRECTION AT LANDINGS, THE MINIMUM LANDING SIZE SHALL BE 60 IN. BY 60 IN.

26. IF A RAMP RUN HAS A RISE GREATER THAN 6 IN. OR A HORIZONTAL PROJECTION GREATER THAN 72 IN., OR A SLOPE STEEPER THAN 1:20, THEN IT SHALL HAVE HANDRAILS ON BOTH SIDES. HANDRAILS ARE NOT REQUIRED ON CURB RAMPS. HANDRAILS SHALL HAVE THE FOLLOWING FEATURES:
(A) HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE HANDRAILS ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.
(B) IF HANDRAILS ARE NOT CONTINUOUS, THEY SHALL EXTEND AT LEAST 12 IN. BEYOND THE TOP AND BOTTOM OF THE RAMP SEGMENT AND SHALL BE PARALLEL WITH THE FLOOR OR GROUND SURFACE.
(C) THE CLEAR SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE 1-1/2 IN.
(D) GRIPPING SURFACES SHALL BE CONTINUOUS.
(E) TOP OF HANDRAIL GRIPPING SURFACES SHALL BE MOUNTED BETWEEN 30 IN AND 34 IN ABOVE RAMP SURFACES.
(F) ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL OR POST.
(G) HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
(H) HANDRAILS SHALL NOT REDUCE THE REQUIRED WIDTH CLEARANCES OF A RAMP RUN OR LANDING.

27. RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OFF THE RAMP. CURBS SHALL BE A MINIMUM OF 4 IN HIGH.

28. ON ANY GIVEN FLIGHT OF STAIRS, ALL STEPS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD WIDTHS. STAIR TREADS SHALL BE NO LESS THAN 11 IN WIDE, MEASURED FROM RISER TO RISER. OPEN RISERS ARE NOT PERMITTED ON ACCESSIBLE ROUTES.

29. THE UNDERSIDES OF NOSINGS SHALL NOT BE ABRUPT. THE RADIUS OF CURVATURE AT THE LEADING EDGE OF THE TREAD SHALL BE NO GREATER THAN 1/2 IN. RISERS SHALL BE SLOPED OR THE UNDERSIDE OF THE NOSING SHALL HAVE AN ANGLE NOT LESS THAN 60 DEGREES FROM THE HORIZONTAL. NOSINGS SHALL PROJECT NO MORE THAN 1-1/2 IN.

30. STAIRWAYS SHALL HAVE HANDRAILS AT BOTH SIDES OF ALL STAIRS. HANDRAILS SHALL HAVE THE FOLLOWING FEATURES:
(A) HANDRAILS SHALL BE CONTINUOUS ALONG BOTH SIDES OF STAIRS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG STAIRS SHALL ALWAYS BE CONTINUOUS.
(B) IF HANDRAILS ARE NOT CONTINUOUS, THEY SHALL EXTEND AT LEAST 12 IN BEYOND THE TOP RISER AND AT LEAST 12 IN PLUS THE WIDTH OF ONE TREAD BEYOND THE BOTTOM RISER. AT THE TOP, THE EXTENSION SHALL BE PARALLEL WITH THE FLOOR OR GROUND SURFACE. AT THE BOTTOM, THE HANDRAIL SHALL CONTINUE TO SLOPE FOR A DISTANCE OF THE WIDTH OF ONE TREAD FROM THE BOTTOM RISER; THE REMAINDER OF THE EXTENSION SHALL BE HORIZONTAL.
(C) THE CLEAR SPACE BETWEEN HANDRAILS AND WALL SHALL BE 1-1/2 IN.
(D) GRIPPING SURFACES SHALL BE UNINTERRUPTED BY NEWEL POSTS, OTHER CONSTRUCTION ELEMENTS, OR OBSTRUCTIONS.
(E) TOP OF HANDRAIL GRIPPING SURFACE SHALL BE MOUNTED BETWEEN 34 IN AND 38 IN ABOVE STAIR NOSINGS.
(F) ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL OR POST.
(G) HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

31. ELEVATOR OPERATION SHALL BE AUTOMATIC. EACH CAR SHALL BE EQUIPPED WITH A SELF-LEVELING FEATURE THAT WILL AUTOMATICALLY BRING THE CAR TO FLOOR LANDINGS WITHIN A TOLERANCE OF 1/2 IN UNDER RATED LOADING TO ZERO LOADING CONDITIONS. THIS SELF-LEVELING FEATURE SHALL BE AUTOMATIC AND INDEPENDENT OF THE OPERATING DEVICE AND SHALL CORRECT THE OVER-TRAVEL OR UNDER-TRAVEL.

32. CALL BUTTONS IN ELEVATOR LOBBIES AND HALLS SHALL BE CENTERED AT 42 IN ABOVE THE FLOOR. SUCH CALL BUTTONS SHALL HAVE VISUAL SIGNALS TO INDICATE WHEN EACH CALL IS REGISTERED AND WHEN EACH CALL IS ANSWERED. CALL BUTTONS SHALL BE A MINIMUM OF 3/4 IN IN THE SMALLEST DIMENSION. THE BUTTON DESIGNATING THE UP DIRECTION SHALL BE ON TOP. BUTTONS SHALL BE RAISED OR FLUSH. OBJECTS MOUNTED BENEATH HALL CALL BUTTONS SHALL NOT PROJECT INTO THE ELEVATOR LOBBY MORE THAN 4 IN.

33. A VISIBLE AND AUDIBLE SIGNAL SHALL BE PROVIDED AT EACH HOIST WAY ENTRANCE TO INDICATE WHICH CAR IS ANSWERING A CALL. AUDIBLE SIGNALS SHALL SOUND ONCE FOR THE UP DIRECTION AND TWICE FOR THE DOWN DIRECTION OR SHALL HAVE VERBAL ANNUNCIATORS THAT SAY "UP" OR "DOWN." VISIBLE SIGNALS SHALL HAVE THE FOLLOWING FEATURES:
(A) HALL LANTERN FIXTURES SHALL BE MOUNTED SO THAT THEIR CENTERLINE IS AT LEAST 72 IN ABOVE THE LOBBY FLOOR.
(B) VISUAL ELEMENTS SHALL BE AT LEAST 2-1/2 IN. IN THE SMALLEST DIM.
(C) SIGNALS SHALL BE VISIBLE FROM THE VICINITY OF THE HALL CALL BUTTON. IN-CAR LANTERNS LOCATED IN CARS. VISIBLE FROM THE VICINITY OF HALL CALL BUTTONS, AND CONFORMING TO THE ABOVE REQUIREMENTS, SHALL BE ACCEPTABLE.

34. ALL ELEVATOR HOIST WAY ENTRANCES SHALL HAVE RAISED FLOOR DESIGNATIONS PROVIDED ON BOTH JAMBS. THE CENTERLINE OF THE CHARACTERS SHALL BE 60 IN FROM THE FLOOR. SUCH CHARACTERS SHALL BE 2 IN HIGH. PERMANENTLY APPLIED PLATES ARE ACCEPTABLE IF THEY ARE PERMANENTLY FIXED TO THE JAMBS.

35. ELEVATOR DOORS SHALL OPEN AND CLOSE AUTOMATICALLY. THEY SHALL BE PROVIDED WITH A REOPENING DEVICE THAT WILL STOP AND REOPEN A CAR DOOR AND HOIST WAY DOOR AUTOMATICALLY IF THE DOOR BECOMES OBSTRUCTED BY AN OBJECT OR PERSON. THE DEVICE SHALL BE CAPABLE OF COMPLETING THESE OPERATIONS WITHOUT REQUIRING CONTACT FOR AN OBSTRUCTION PASSING THROUGH THE OPENING AT HEIGHTS OF 5 IN AND 29 IN FROM THE FLOOR. DOOR REOPENING DEVICES SHALL REMAIN EFFECTIVE FOR AT LEAST 20 SECONDS. AFTER SUCH AN INTERVAL, DOORS MAY CLOSE IN ACCORDANCE WITH THE REQUIREMENTS OF ANSI A17.1-1978 AND A17.1A-1979.

36. THE MINIMUM ACCEPTABLE TIME FROM NOTIFICATION THAT A CAR IS ANSWERING A CALL UNTIL THE DOORS OF THAT CAR START TO CLOSE SHALL BE CALCULATED FROM THE FOLLOWING EQUATION:
T = D OR T = D 1.5 FT/S 445 MM/S
WHERE T = TOTAL TIME IN SECONDS AND D = DISTANCE IN FEET FROM A POINT IN THE LOBBY OR CORRIDOR 60 IN DIRECTLY IN FRONT OF THE FARTHEST CALL BUTTON CONTROLLING THAT CAR TO THE CENTERLINE OF ITS HOIST WAY DOOR. FOR CARS WITH IN-CAR LANTERNS, T BEGINS WHEN THE LANTERN IS VISIBLE FROM THE VICINITY OF HALL CALL BUTTONS AND AN AUDIBLE SIGNAL IS SOUNDED. THE MINIMUM ACCEPTABLE NOTIFICATION TIME SHALL BE 5 SECONDS.

37. THE MINIMUM TIME FOR ELEVATOR DOORS TO REMAIN FULLY OPEN IN RESPONSE TO A CAR CALL SHALL BE 3 SECONDS.

38. THE FLOOR AREA OF ELEVATOR CARS SHALL PROVIDE SPACE FOR WHEELCHAIR USERS TO ENTER THE CAR, MANEUVER WITHIN REACH OF CONTROLS, AND EXIT FROM THE CAR. THE CLEARANCE BETWEEN THE CAR PLATFORM SILL AND THE EDGE OF ANY HOIST WAY LANDING SILL BE NO GREATER THAN 1-1/4 IN.

39. THE LEVEL OF ILLUMINATION AT THE CAR CONTROLS, PLATFORM, AND CAR THRESHOLD AND LANDING SILL SHALL BE AT LEAST 5 FOOT CANDLES.

40. ELEVATOR CONTROL PANELS SHALL HAVE THE FOLLOWING FEATURES:
(A) BUTTONS. ALL CONTROL BUTTONS SHALL BE AT LEAST 3/4 IN (19 MM) IN THEIR SMALLEST DIMENSION. THEY MAY BE RAISED OR FLUSH.
(B) TACTILE AND VISUAL CONTROL INDICATORS. ALL CONTROL BUTTONS SHALL BE DESIGNATED BY RAISED STANDARD ALPHABET CHARACTERS FOR LETTERS, ARABIC CHARACTERS FOR NUMERALS, OR STANDARD SYMBOLS, AND AS REQUIRED IN ANSI A17.1-1978 AND A17.1A-1979. THE CALL BUTTON FOR THE MAIN ENTRY FLOOR SHALL BE DESIGNATED BY A RAISED STAR AT THE LEFT OF THE FLOOR DESIGNATION. ALL RAISED DESIGNATIONS FOR CONTROL BUTTONS SHALL BE PLACED IMMEDIATELY TO THE LEFT OF THE BUTTON TO WHICH THEY APPLY. APPLIED PLATES, PERMANENTLY ATTACHED, ARE AN ACCEPTABLE MEANS TO PROVIDE RAISED CONTROL DESIGNATIONS. FLOOR BUTTONS SHALL BE PROVIDED WITH VISUAL INDICATORS TO SHOW WHEN EACH CALL IS REGISTERED. THE VISUAL INDICATORS SHALL BE EXTINGUISHED WHEN EACH CALL IS ANSWERED.
(C) HEIGHT. ALL FLOOR BUTTONS SHALL BE NO HIGHER THAN 48 IN. UNLESS THERE IS A SUBSTANTIAL INCREASE IN COST, IN WHICH CASE THE MAXIMUM MOUNTING HEIGHT MAY BE INCREASED TO

NYC SMOKE CARBON MONOXIDE DETECTOR NOTES

1. SMOKE/CARBON MONOXIDE DETECTORS OR DEVICES SHALL BE INSTALLED IN ORDINANCE WITH THE HOUSING MAINTENANCE CODE, MULTIPLE DWELLING LAW THE NEW YORK CITY BUILDING CODE THE NEW YORK CITY ELECTRICAL CODE AND NFPA 72.
2. SMOKE DETECTORS AND CARBON MONOXIDE DETECTORS MAY BE COMBINED PROVIDING THE DEVICES COMPLY WITH THE PROVISIONS OF TITLE 28 OF THE ADMINISTRATIVE CODE OF THE CITY OF NEW YORK AND APPLICABLE RULES PROMULGATED THERELINDER.
3. EACH SMOKE/CARBON MONOXIDE DETECTOR SHALL BE INSTALLED IN ACCORDANCE WITH REFERENCE STANDARD UL 2034 AND UL 2075
4. EACH SMOKE/ CARBON MONOXIDE DETECTOR SHALL BE OF A TYPE THAT ALLOWS FOR READILY TESTING OF SUCH DEVICES.
5. DUPLEX UNITES SHALL HAVE A DEVICES LOCATED ON EACH LEVEL IF ONLY ONE MEANS OF EGRESS IS PROVIDED FROM EACH LEVEL.
6. EACH SMOKE/CARBON MONOXIDE DETECTORS SHALL BE INSTALLED OUTSIDE OF EACH SLEEPING ROOM WITHIN 15'-0" OF THE ENTRANCE TO A SLEEPING ROOM AND INSIDE EACH SLEEPING ROOM, AND ANY STORY WITHIN A DWELLING UNIT, PER BC 915.1.1.1

RODENT PROOFING

CONTRACTOR TO PROVIDE RODENT PROOFING AS PER BC APPENDIX F, F-101 AND F-102 AS REQUIRED BY THE **2020 NEW YORK CITY BUILDING CODE.**

HOUSING MAINTENANCE CODE

1. OWNER SHALL FILE REGISTRATION STATEMENT AS PER §27–2097 HMC.
2. OWNER SHALL PROVIDE A SIGN IDENTIFYING OWNER, MANAGEMENT AND SUPERINTENDENT AS PER §27–2104 HMC.
3. FLOOR SIGNS SHALL BE PLACED AND MAINTAINED ON EACH FLOOR LEVEL AS PER §27–2048 HMC.
4. ALL APARTMENT ENTRANCE DOORS SHALL BE A MINIMUM 3/4 HOUR RATED, SELF CLOSING WITH PEEPHOLES AS PER §27–2041 HMC AND LOCKS AS PER §27–2043 HMC.
5. MIRRORS IN ELEVATORS SHALL BE AS PER §27–2042 HMC.
6. THE BUILDING'S HEATING AND HOT WATER SUPPLY SHALL COMPLY WITH §27–2026 THROUGH §27–2033 HMC.
7. LIGHTING SHALL BE PROVIDED AS PER §27–2037 THROUGH §27–2040 AND §28-505AC, C26-1203AC AND SECTION 26-35 MDL.
8. RECEPTACLES AND COLLECTION FOR WASTE MATTER SHALL BE PROVIDED AS PER §27–2021 AND §27–2022 HMC.
9. U.S. MAIL SERVICE SHALL BE PROVIDED AS PER §27–2047 HMC.
10. THE BUILDING STREET NUMBER SHALL BE DISPLAYED AS §27–2049 HMC.
11. JANITORIAL SERVICES SHALL BE PROVIDED AS PER §27–2053 AND §27–2054 HMC.
12. OWNER SHALL PAINT ALL PUBLIC PARTS OF A MULTIPLE DWELLING AS PER §27–2013 HMC.
13. INTERIOR OF DWELLING UNITS SHALL BE CLEANED §27–2012 HMC
14. DUTIES OF OWNER SHALL BE AS PER §27–2005 HMC.
15. DUTIES OF TENANTS SHALL BE AS PER §27–2006 AND §27–2007 HMC.
16. OWNER'S RIGHT OF ACCESS SHALL BE AS PER §27–2008 HMC.
17. EXTERMINATION AND RODENT ERADICATION SHALL BE AS PER §27– 2018
18. WATER SHALL BE SUPPLIED AS PER §27–2024 AND §27–2025 HMC.
19. THE PLUMBING AND DRAINAGE SYSTEM SHALL BE MAINTAINED AS PER §27–2026 HMC.
20. DRAINAGE OF ROOFS AND COURT YARDS SHALL BE AS PER §27–2027 HMC.
21. NATURAL LIGHT AND VENTILATION SHALL BE PROVIDED AS PER §27–2057 HMC FOR MULTIPLE DWELLINGS.
22. SANITARY FACILITIES IN MULTIPLE DWELLINGS AND LIGHT AND VENTILATION FOR TOILET COMPARTMENTS SHALL BE AS PER §27–2064, §27–2065, §27–2066 AND §27–2067 HMC.
23. KITCHENS AND KITCHENETTES SHALL BE PROVIDED WITH PROPER FACILITIES, EQUIPMENT, LIGHTING, VENTILATION AND FIRE PROTECTION AS PER §27–2070, §27– 2071, AND §27–2072 HMC.
24. MINIMUM ROOM SIZES SHALL BE AS PER §27–2074 AND MAXIMUM OCCUPANCY SHALL BE AS PER §27–2075 HMC.

MULTIPLE DWELLING LAW

GENERAL PROVISIONS

1. LIGHTING AND VENTILATION OF ROOMS SHALL BE AS PER SECTION 30, MDL.
2. SIZE OF ROOMS SHALL BE AS PER SECTION 31, MDL.
3. ALCOVES SHALL BE AS PER SECTION 32, MDL.
4. COOKING SPACES (KITCHENS & KITCHENETTES) SHALL BE AS PER SECTION 33, MDL.
5. BUILDING ENTRANCE DOORS AND LIGHTS SHALL BE AS PER SECTION 35, MDL
6. ENTRANCE BOLTS AND MAIL RECEPTACLES SHALL BE AS PER SECTION 57, MDL.
7. ALL INCOMBUSTIBLE MATERIALS SHALL BE AS PER SECTION 78, MDL.
8. PARAPETS AND GUARD RAILINGS SHALL BE AS PER SECTION 62, MDL.
9. SUB-CURB USES SHALL BE AS PER SECTION 63, MDL
10. LIGHTING, GAS METERS, GAS AND OIL APPLIANCES SHALL BE AS PER SECTION 64, MDL.
11. BOILER ROOMS SHALL BE AS PER SECTION 65, MDL.
12. WATER-CLOSET AND BATH ACCOMMODATIONS SHALL BE AS PER SECTION 76, MDL.
13. PLUMBING AND DRAINAGE SHALL BE AS PER SECTION 77, MDL.
14. REPAIRS SHALL BE MADE AS PER SECTION 78, MDL.
15. HEAT SHALL BE PROVIDED AS PER SECTION 79, MDL.
16. CLEANLINESS SHALL BE AS PER SECTION 80, MDL.
17. RECEPTACLES FOR MASTE MATTER SHALL BE AS PER SECTION 81, MDL.
18. PRIVACY SHALL BE AS PER SECTION 82, MDL.
19. JANITORIAL SERVICES SHALL BE AS PER SECTION 83, MDL.
20. CONSTRUCTION STANDARDS FOR THE CONTROL OF NOISE SHALL BE AS ER SECTION 84, MDL.

SPECIAL & PROGRESS INSPECTIONS

TR-1 – Architectural Special Inspections

BC 1705.4	Masonry
BC 1705.20	Wall Panels Curtain Walls & Veneers
BC 1705.14	Sprayed Fire-Resistant Materials
BC 1705.16	Combustible Exterior Wall Coverings
BC 1705.17	Fire-Resistant Penetrations and Joints

Progress Inspection Categories

BC 110.3.5	Energy Code Compliance Inspections (TR8)
BC 110.3.4	Fire-Resistance Rated Construction

INTERIOR CONSTRUCTION NOTES

1. G.C. TO PROVIDE FIRE RATED PLYWOOD BLOCKING AT WALLS SCHEDULED TO RECEIVE TV'S, ARTWORK, MILLWORK, GRAB BARS, ETC.
2. IN THE EVENT OF A DISCREPANCY BETWEEN INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS, CONTACT ARCHITECT PRIOR TO PURCHASING.
3. ALL QUANTITIES TO BE VERIFIED BY THE PURCHASER PRIOR TO PURCHASING BY REVIEWING INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS. IN THE EVENT OF A DISCREPANCY, CONTACT ARCHITECT.
4. ANY REVISIONS TO OR SUBSTITUTIONS FOR THE ENCLOSED SPECIFICATIONS MUST BE REQUESTED IN WRITING AND APPROVED BY ARCHITECT. ALL PRODUCT INTERPRETATIONS MUST BE PRECEDED BY EXACT SAMPLES TO BE SUBMITTED FOR APPROVAL BY ARCHITECT PRIOR TO EXECUTION. (INCLUDING SHOP DRAWINGS AND PHOTOGRAPHS (IF APPROPRIATE)). IF SUBSTITUTION IS EXECUTED WITHOUT WRITTEN APPROVAL, NO RESPONSIBILITY OR LIABILITY FOR THE NEW SELECTION WILL BE ASSUMED BY ARCHITECT. SUBSTITUTIONS MUST MATCH CLOSELY AS POSSIBLE TO ARCHITECT'S ORIGINAL SPECIFICATION AND SUBMITTED SAMPLES.
5. ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY DISCONTINUATIONS, CHANGES IN MANUFACTURER'S SPECIFICATIONS, PRICE INCREASES, OR ANY OTHER ALTERATIONS, WHICH OCCUR AFTER THE DATE OF THIS SUBMITTED SPECIFICATION. SHOULD THIS OCCUR, IT WILL BE THE RESPONSIBILITY OF THE PURCHASING AGENT TO NOTIFY ARCHITECT OF ANY CHANGES AND TO RESUBMIT FOR APPROVAL OR PROVIDE SUBSTITUTIONS IF REQUIRED.
6. ALL PIECES TO BE CUSTOMIZED OR THOSE NOT PRODUCED AS STANDARD ITEMS BY SPECIFIED MANUFACTURER/VENDOR TO ANY EXTENT SHALL BE PRECEDED BY THE SUBMISSION OF SHOP DRAWINGS FROM THE SELECTED VENDOR. GENERAL CONTRACTOR MUST SUBMIT SHOP DRAWINGS TO ARCHITECT AND THE OWNER OR APPROVED REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO EXECUTION. THE SHOP DRAWINGS TO SHOW ALL POINTS OF DESIGN, CONSTRUCTION, AND REINFORCEMENT. SAMPLES OF ALL FINISHES, HARDWARE, FILL, BLOCK FRAMING, ETC... SHALL BE SUBMITTED FOR REVIEW AT THAT TIME.
7. ALL WORK SHALL COMPLY WITH APPLICABLE FEDERAL, STATE, AND MUNICIPAL BUILDING CODES, AS WELL AS REGULATORY AGENCIES. INCLUDING, BUT NOT LIMITED TO OSHA (OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION), ETC.
8. ALL FINISHES AND MATERIALS MUST MEET OR EXCEED ALL APPLICABLE FEDERAL, STATE, AND LOCAL FIRE SAFETY CODES. UNLESS OTHERWISE NOTED, ALL WALLS AND CEILINGS MUST MEET THE FIRE RATING ASTM E-84 CLASS A.
9. ALL BUILT-IN ITEMS (I.E.: KITCHEN CABINETS, MILLWORK) SHALL BE FIELD DIMENSIONED, AND ALL SITE CONDITIONS ARE TO BE REVIEWED PRIOR TO FABRICATION. ALL SECTIONS SHALL BE THE MAXIMUM WALL-TO-WALL LENGTH POSSIBLE OR EVEN,Y SECTIONED AS REQUIRED OR NOTED. ALL PIECES SHALL BE TIGHTLY FIT AND VISUALLY LEVELED DURING INSTALLATION TO COORDINATE WITH ALL EXISTING CONDITIONS.
10. ITEMS ARE NOT TO BE INSTALLED WHICH HAVE MEMBERS THAT ARE WARPED, BOWED, DEFORMED OR OTHERWISE DAMAGED OR DEFACED. SUCH MEMBERS ARE TO BE REMOVED AND REPLACED AS DIRECTED, PENDING APPROPRIATENESS, OR THE ITEM IS TO BE COMPLETELY REPLACED IN A TIMELY MANNER AT THE SOLE COST OF THE GENERAL CONTRACTOR.
11. SHOP DRAWINGS ARE APPROVED BY ARCHITECT FOR DESIGN INTENT AND SCALE ONLY; MANUFACTURER IS RESPONSIBLE FOR ALL STRUCTURAL DURABILITY AND QUALITY OF MATERIALS.
12. ALL IMAGES, PHOTOGRAPHS & RENDERINGS OF SPECIFIED ITEMS CONTAINED IN THIS SPECIFICATION PACKAGE ARE FOR GENERAL DESIGN INTENT AND REFERENCE ONLY.
13. ALL EXPOSED CUT EDGE CEILING TILE TO BE PAINTED WHITE PRIOR TO INSTALLATION.
14. CONTRACTOR SHALL PROVIDE A COMPOSITE CEILING PLAN AND NECESSARY SHOP DRAWINGS COORDINATING ALL TRADES, SHOWING THE LOCATION OF CEILING TILES, LIGHT FIXTURES, EMERGENCY AND EXIT LIGHTING HVAC FIXTURES, SHADE POCKETS, FIRE DAMPERS ACCESS DOORS, FASCIAS, SOFFITS AND ALL OTHER ITEMS PENETRATING OR ATTACHED TO THE CEILING.
15. ACCESS DOORS LOCATIONS TO BE REVIEWED IN THE FIELD PRIOR TO INSTALLATIONS, AND THEIR LOCATIONS TO BE APPROVED BY ARCHITECT.
16. CONTRACTOR IS TO INSURE THAT ALL DIFFUSERS, RETURNS, LIGHT FIXTURES (NEW AND EXISTING) AND ALL ASSOCIATED DEVICES ARE FULLY COMPATIBLE WITH CEILING SYSTEM (TYP).
17. CABINETMAKER SHALL FURNISH AND COORDINATE THE SETTING OF ALL NECESSARY WOOD GROUND, CORNER CASINGS AND WOOD BLOCKING AT PROJECT, WHICH WILL BE IN CONJUNCTION WITH HIS WORK.
18. CONTRACTOR SHALL ATTEST IN WRITING THAT ALL WOODWORKING ATTACHED TO THE PREMISES SHALL BE FIRE RETARDANT IN ACCORDANCE WITH LOCAL BUILDING CODE. FINAL PAYMENT WILL NOT BE MADE UNTIL PROPER RECEIPT OF THIS LETTER.
19. ALL WOOD DOORS, WHERE CALLED FOR SHALL BE OF INCOMBUSTIBLE MATERIAL WITH APPROPRIATE LABELS, UNLESS OTHERWISE NOTED.
20. ALL OUTSIDE EDGES OF LAMINATED MILLWORK TO BE SELF EDGED. HORIZONTAL SURFACE OF COUNTERTOP TO BE LAMINATED LAST. ALL EDGES TO BE ROUTED AT 15° AFTER TRIMMING EXCESS.
21. WHERE FINISHED CABINETRY IS CALLED FOR TO RECEIVED FINISH OF PLASTIC LAMINATE, BACKING LAMINATE SHALL BE PROVIDED ON ALL SURFACES THAT ARE NOT EXPOSED.

TABLE 601 - FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS

BUILDING ELEMENT	TYPE IB	
PRIMARY STRUCTURAL FRAME INCLUDING GIRDERS, TRUSSES COLUMNS (403.2.1)	2 HRS 3 HRS	FOR COLUMNS SUPPORTING FLOORS TYPE 1A
BEARING WALLS EXTERIOR 2 HRS INTERIOR 2 HRS SUPPORTING A ROOF ONLY)	(PERMITTED TO BE REDUCED 1 HR WHERE	
NONBEARING WALLS & PARTITIONS EXTERIOR 0 HR TO 1 HR FIRE-RESISTANCE REQUIRED BY OTHER SECTIONS OF THIS CODE INTERIOR 0 HRS	(ACCORDING TO TABLE 602) NOT LESS THAN THE	
FLOOR CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS	2 HRS	
ROOF CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS	1 HR	

GENERAL NOTES

1. CODE COMPLIANCE: BUILDING, PLUMBING, MECHANICAL, PROPERTY MAINTENANCE, ENERGY, AND FIRE CODES PER **NEW YORK CITY BUILDING CODE 2022**. SEE CODE DATA SUMMARY FOR ADDITIONAL INFORMATION.
2. TO THE FULLEST EXTENT PERMITTED BY LAW, THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER, ARCHITECT, ENGINEERS, AND AGENTS AND EMPLOYEES OF ANY OF THEM FROM AND AGAINST CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING BUT NOT LIMITED TO ATTORNEYS' FEES, ARISING OUT OF OR RESULTING FROM PERFORMANCE OF THE WORK, PROVIDED THAT SUCH CLAIM, DAMAGE, LOSS OR EXPENSE IS ATTRIBUTABLE TO BODILY INJURY, SICKNESS, DISEASE OR DEATH, OR TO INJURY TO OR DESTRUCTION OF TANGIBLE PROPERTY (OTHER THAN THE WORK ITSELF) INCLUDING LOSS OF USE RESULTING THEREFROM, BUT ONLY TO THE EXTENT CAUSED IN WHOLE OR IN PART BY NEGLIGENT ACTS OR OMISSIONS OF THE CONTRACTOR, A SUBCONTRACTOR, ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY THEM OR ANYONE FOR WHOSE ACTS THEY MAY BE LIABLE, REGARDLESS OF WHETHER OR NOT SUCH CLAIM, DAMAGE, LOSS, OR EXPENSE IS CAUSED IN PART BY A PARTY INDEMNIFIED HEREUNDER. SUCH OBLIGATION SHALL NOT BE CONSTRUED TO NEGATE, ABRIDGE, OR REDUCE OTHER RIGHTS OR OBLIGATIONS OF INDEMNITY WHICH WOULD OTHERWISE EXIST AS TO A PARTY OR PERSON DESCRIBED IN THIS PARAGRAPH.
3. **DRAWINGS ARE NOT TO BE SCALED, USE DIMENSIONS ONLY.**
4. ALL CONTRACTORS SHALL VISIT THE JOB SITE TO BECOME FAMILIAR WITH ALL CONDITIONS. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND CONDITIONS AT JOB SITE PRIOR TO COMMENCEMENT OF WORK AND IMMEDIATELY REPORT ANY DISCREPANCIES BETWEEN DESIGN AND EXISTING CONDITIONS TO THE ARCHITECT.
5. GENERAL CONTRACTOR AND ALL SUB CONTRACTORS MUST REVIEW ENTIRE SET OF DRAWINGS AND SPECIFICATIONS.
6. THE GENERAL CONTRACTOR SHALL MAINTAIN A COMPLETE SET OF "APPROVED FOR CONSTRUCTION" ARCHITECTURAL AND ENGINEERING DRAWINGS ON SITE FOR ALL TRADES TO REFER TO.
7. GENERAL CONTRACTOR SHALL SUBMIT TO EACH BIDDING SUBCONTRACTOR A COMPLETE SET OF ARCHITECTURAL AND ENGINEERING DRAWINGS. GENERAL CONTRACTOR SHALL CONTACT ARCHITECT IMMEDIATELY IF THERE ARE DISCREPANCIES IN THE DRAWINGS WHICH WILL AFFECT THE INDIVIDUAL BIDS.
8. THE CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ALL WALL AND ROOF OPENINGS FOR DUCTS, PIPES, ETC. WITH HVAC, ELECTRICAL, PLUMBING AND/OR ANY AFFECTED CONTRACTOR.
9. THE CONTRACTOR SHALL PROVIDE ALL SHORING, FALSEWORK, BRACING, CONSTRUCTION MATERIAL OR EQUIPMENT REQUIRED TO PROTECT PERSONS, PROPERTY AND ALL STRUCTURES NEW OR EXISTING DURING ALL PHASES OF THE WORK.
10. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE JOB SITE CLEAN OF ALL DEBRIS DURING CONSTRUCTION AND PROVIDE A FINAL CLEAN UP BEFORE AND AFTER ARCHITECTS AND OWNER'S FINAL REVIEW OF CONSTRUCTION.
11. ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE RESPONSIBLE TO ACCEPT THE SURFACE, ETC. PREPARED BY OTHERS (AS APPLICABLE) PRIOR TO THE INSTALLATION AND START OF THEIR RESPECTIVE WORK. ALL "UNACCEPTABLE" WORK SHALL BE REPORTED TO THE GENERAL CONTRACTOR FOR CORRECTION BY THE APPROPRIATE SUBCONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
12. THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION, REMOVALS, CUTTING AND PATCHING TO ACCOMMODATE THE NEW WORK UNLESS SPECIFICALLY NOTED OTHERWISE.
13. ALL MATERIALS ARE TO BE PURCHASED AND INSTALLED BY THE CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE.
14. ALL WORK IS TO BE DONE IN STRICT ACCORDANCE WITH LOCAL LAWS, CODES AND FEDERAL SAFETY REGULATIONS.
15. CONTRACTOR WILL CONSTRUCT TEMPORARY FENCING IN EACH AREA OF WORK AS REQUIRED BY DEVELOPER OR THE LOCAL AUTHORITIES.
16. THE CONTRACTOR SHALL SECURE THE APPLICABLE PERMITS AND PAY ALL FEES, PRIOR TO THE START OF CONSTRUCTION AND RENEW THOSE PERMITS AS APPLICABLE FOR THE DURATION OF CONSTRUCTION; AND SHALL OBTAIN ALL CERTIFICATES OF OCCUPANCY.
17. ALL PLYWOOD TO BE FIRE-RETARDANT TREATED.
18. ALL WOOD BLOCKING TO BE FIRE-RETARDANT TREATED. ALL WOOD IN CONTACT W/ CONCRETE OR MASONRY TO BE PRESSURE TREATED.
19. CONTRACTOR SHALL FURNISH AND INSTALL CORNER BEADS AT ALL EXPOSED ENDS IN DRYWALL CONSTRUCTION. TAPE, POLISH AND SPACKLE ALL WORK.
20. PROVIDE DOUBLE METAL STUDS, FULL HEIGHT ON BOTH SIDES OF NEW DOOR BUCK LOCATIONS.
21. ALL METAL STUDS MUST EXTEND FROM FLOOR TO UNDERSIDE OF BASE BUILDING CONSTRUCTION OR FLOOR SYSTEM ABOVE UNLESS SPECIFICALLY NOTED OTHERWISE ON ARCHITECT'S DRAWINGS.
22. WHEN ALL FLOOR PARTITIONS HAVE BEEN SECURED; CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR INSPECTION AND APPROVAL OF ENTIRE NEW PARTITION LAYOUT PRIOR TO PROCEEDING WITH THE WORK.
23. ALL DIMENSIONS ARE TO FINISHED SURFACE UNLESS NOTED OTHERWISE.
24. NO PIPING, CONDUIT, LIGHT FIXTURES, CEILING SUSPENSION SYSTEMS, WALLS, ETC. SHALL BE HUNG AND/OR SECURED TO ANY MECHANICAL DUCT.
25. NO PIPING, EQUIPMENT, DUCTS, HANGERS, ETC. SHALL BE HUNG FROM METAL ROOF DECK.
26. THE FUTURE CEILING SUSPENSION SYSTEM SHALL BE SUSPENDED AND/OR SUPPORTED IN A MANNER WHICH MEETS THE REQUIREMENTS FOR SEISMIC RESTRAINT PER CURRENT APPLICABLE CODE.
27. THE GENERAL CONTRACTOR SHALL PROVIDE AND ARRANGE FOR ALL NECESSARY POWER, LIGHTING AND WATER AS MAY BE REQUIRED DURING CONSTRUCTION.
28. AT THE COMPLETION OF THE WORK, THE CONTRACTOR SHALL ARRANGE FOR A FINAL CLEANING OF THE ALL SPACES AND SURFACES INCLUDING GLASS AND METALS, FLOORS, HARDWARE, WALLS, CEILINGS, ETC.
29. EXITS, EXIT DISCHARGE, AND PUBLIC CORRIDORS SHALL BE KEPT AT ALL TIMES AS PER **BC 1008.2**
30. A SIGN SHALL BE PROVIDED AT EACH FLOOR LANDING IN INTERIOR VERTICAL EXIT ENCLOSURES CONNECTING MORE THAN THREE STORIES DESIGNATING THE FLOOR LEVEL AS PER **BC 1023.9.2**
31. EXIT SIGNS SHALL BE INSTALLED IN COMPLIANCE WITH **BC1013.1**
32. STAIRWAY DOOR OPERATION SHALL BE IN COMPLIANCE WITH **BC403.5.3**
33. ELEVATOR SHALL BE IN COMPLIANCE WITH **BC 3003.3.2** AND BE KEPT AVAILABLE FOR IMMEDIATE USE FIRE DEPARTMENT ALL HOURS OF THE NIGHT AND DAY, INCLUDING HOLIDAYS, SATURDAYS AND SUNDAYS
34. WHERE ELEVATOR IS SERVICED BY THREE OR FEWER ELEVATOR CAR SHALL BE KEPT AVAILABLE FOR SOLE USE BY THE FIRE DEPARTMENT AS PER **BC 3003.3.2.1**
35. ENERGY CODE PROFESSIONAL STATEMENT: "TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE **2020 NYC ECC**".
36. THIS PROJECT DOES NOT INCLUDE MODULAR CONSTRUCTION
37. A TACTILE SIGN INDICATING "EXIT" SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN EGRESS STAIR, AN EXIT PASSAGEWAY, AND EXIT DISCHARGE AREA AS PER **BC 1009.9**
38. AS PER TPPN 10/88 PROTECTION SHALL BE PROVIDED TO AVOID DAMAGE TO HISTORIC LANDMARK STRUCTURES ADJACENT TO PROPERTY OR WITHIN 90 FEET - PROVIDE DIAGRAM INDICATING 90 FOOT RADIUS
39. THIS BUILDING SHALL BE DESIGNED IN COMPLIANCE WITH **BC 1601 STRUCTURAL DESIGN**
40. DWELLING UNITS SHALL COMPLY WITH THE **2022 NEW YORK CITY BUILDING CODE** AND CHAPTER 1 THROUGH 10 OF THE ICC A117.1
41. **BC 403.2.1 (2)** FOR HIGH RISE BUILDINGS NOT GREATER THAN 420 FEET (128 000 MM) IN BUILDING HEIGHT, AND CONSTRUCTED TO MEET THE FIRE-RESISTANCE RATING REQUIREMENTS OF TYPE IB OR IIA CONSTRUCTION, THE REQUIRED FIRE-RESISTANCE RATING OF COLUMNS SUPPORTING FLOORS SHALL BE CONSTRUCTED TO MEET TYPE IA CONSTRUCTION, PROVIDE FIRE RATINGS & DETAILS AS APPLICABLE
42. **BC 403.2.3** FOR ALL HIGH-RISE BUILDINGS, EXIT ENCLOSURES AND ELEVATOR HOISTWAY ENCLOSURES SHALL COMPLY WITH SECTIONS **403.2.3.1** THROUGH **403.2.3.4**
43. **BC 403.4.4** AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH SECTION **BC 907.5.2.2**.
44. **BC 403.4.6** FIRE COMMAND. A FIRE COMMAND CENTER COMPLYING WITH SECTION 911 SHALL BE PROVIDED IN A LOCATION APPROVED BY THE FIRE DEPARTMENT
45. **BC 403.5.3** STAIRWAY DOOR OPERATION. & **BC 403.5.3.1** STAIRWAY
46. EMERGENCY POWER SYSTEM SHALL BE DESIGNED TO SUPPORT EXIT SIGN AND MEANS OF EGRESS ILLUMINATION, EMERGENCY VOICE COMMUNICATION, ELECTRICALLY POWERED FIRE PUMPS UNLESS ELECTRICAL POWER TO THE MOTOR IS TAKEN AHEAD OF THE MAIN FORM THE STREET SIDE OF HOUSE SERVICE SWITCH AS PER **BC 403.4.8.4**
47. DOORS OPENING INTO INTERIOR STAIR ENCLOSURES SHALL NOT BE LOCKED FROM EITHER SIDE AS PER **BC 403.5.3**
48. ELEVATOR MACHINE EQUIPMENT TO COMPLY WITH **BC 3003.3.2** PROVIDED FOR GEAR-DRIVEN MACHINERY, GEARLESS MACHINERY AND MOTOR GENERATORS
49. ADJACENT ROOMS TO BE PROTECTED AS PER **BC 3309.1** PROTECTION SHALL EXTEND MINIMUM 20 FEET FROM THE EDGE OF THE BUILDING BEING CONSTRUCTED AND MATERIAL SHALL BE 2" OF FLAME RETARDANT FOAM UNDER 2" FLIME RETARDANT PLYWOOD"
50. PROVIDE THE FOLLOWING NOTES ON THE STAIR DETAIL PAGE:
51. STAIRWAYS SHALL BE IDENTIFIED AS PER **BC 1023.9** ". THE SIGNAGE SHALL ALSO STATE THE STORY OF. AND THE DIRECTION TO THE EXIT DISCHARGE AND THE AVAILABILITY OF ROOF ACCESS FROM THE STAIRWAY FOR THE FIRE DEPARTMENT. EACH STAIR SHALL BE IDENTIFIED BY AN ALPHABETIC LETTER. STAIRWAY IDENTIFICATION SIGNS SHALL BE PROVIDED ON BOTH SIDES OF EACH STAIR DOOR. "
52. SECTION **BC 504.3** - STAIRWAY ACCESS TO THE ROOF SHALL BE IN ACCORDANCE WITH CHAPTER 10 OF 2008 B.C.. SUCH STAIR SHALL BE MARKED AT THE STREET AND FLOOR LEVELS WITH A SIGN INDICATING THAT THE STAIRWAY CONTINUES TO THE ROOF
53. APPLICANT SHALL NOTIFY DOB 24 TO 48 HOURS PRIOR TO COMMENCEMENT OF EARTHWORK AS PER **BC: 3304.3.1**

DATUM NOTE

UNLESS OTHERWISE NOTED, ELEVATIONS INDICATED IN THESE DRAWINGS REFER TO NAVD 88 DATUM

INTERIOR CONSTRUCTION NOTES CONTINUED

56. ONLY CABINET GRADE (FURNITURE GRADE) CORE PLYWOOD SHALL BE USED. PARTICLE BOARD OR MDF AS A SUBSTITUTE IS NOT ACCEPTABLE. (U.O.N). REFER TO FINISH SCHEDULE FOR PLASTIC LAMINATE CABINET INTERIOR SPECIFICATION.
57. ALL ITEMS OF WOODWORK INDICATED ON THE DRAWINGS AND/OR SPECIFICATIONS SHALL BE PERFORMED BY SKILLED MECHANIC USING THE BEST TECHNIQUES KNOWN TO BE THE TRADE AND IN CONFORMANCE WITH ALL TRADE STANDARDS, SPECIFICALLY THE "PREMIUM GRADE" QUALITY STANDARDS AND THE GUIDELINES FOR "HIGH PRESSURE LAMINATE" OF THE ARCHITECTURAL WOODWORK INSTITUTE.
58. WOODWORK CONTRACTOR SHOULD INSPECT THE ALIGNMENT OF ALL GWB CONSTRUCTION AND SHOULD NOTIFY THE ARCHITECT OF ANY CONDITION THAT WOULD PREVENT HIM FROM COMPLETING HIS WORK.
59. ALL WOODWORK SHALL HAVE A FINE, SMOOTH FINISH, FREE FROM MACHINE OR TOOL MARKS, ABRASIONS OR RAISED GRAIN ON EXPOSED SURFACES JOINTS SHALL BE TIGHT AND SO FORMED AS TO CONCEAL SHRINKAGE. MITERS 4° ON CROSS GRAIN. ALL BEVEL TO POINT SHALL BE GLUED AND FEATHERED. LOCKED, SPLICED, AND DOVE-TED. TENSION AND DOWELS SHALL BE OF HARDWOOD AND SPACED NOT LESS THAT 3" ON CENTER.JOINTS SHALL BE MADE WITH WATER-RESISTANT BLUE OR WHITE GLUED UNDER PRESSURE. ALL EXPOSED WORK SHALL BE FULLY ASSEMBLED IN THE SHOP IN AS LARGE A UNIT AS PRACTICAL
60. SCREW AND GLUE ALL JOINTS AND CONNECTIONS NO NAILING PERMITTED.
61. WHERE ELECTRICAL WORK IS SPECIFIED IN CABINETS, LAMP AND FIXTURES ARE TO BE PROVIDED BY THE GENERAL CONTRACTOR. CUT-OUTS FOR SWITCHES, OUTLETS AND WIRING DEVICES TO BE INSTALLED IN CABINETRY IN THE FIELD ARE BY THE WOODWORK CONTRACTOR AND ARE TO BE COORDINATED BY THE GENERAL CONTRACTOR.
62. WOODWORK SUBCONTRACTOR SHALL SHIM AND LEVEL ALL COUNTERS TO BE LOCATED OVER FILES, AND PROVIDE A STABLE TEMPORARY SUPPORT UNTIL FILES ARE DELIVERED FOR INSTALLATION. CONTRACTOR TO PROVIDE FILLER STRIPS AS REQUIRED BETWEEN FILE CABINETS AND COUNTERTOPS, AND BETWEEN CABINETS AND SURROUNDING WALLS AND CEILINGS.
63. WOODWORK CONTRACTOR IS RESPONSIBLE TO CLEAN AND POLISH AND TOUCH-UP AS REQUIRED AFTER ALL WOODWORK AFTER THE INSTALLATION IN COMPLETED.

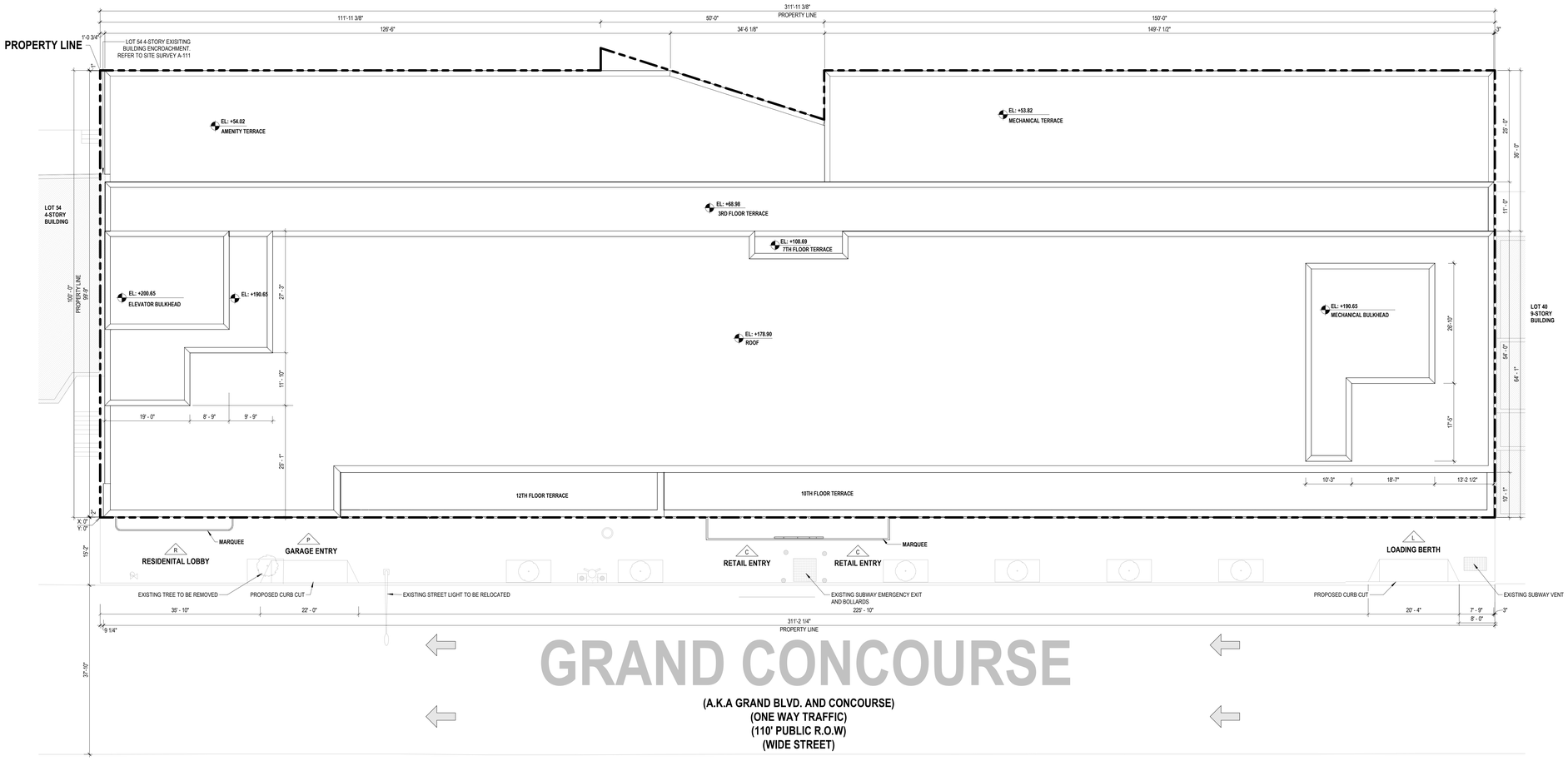
64. ALL WALLS AND PARTITIONS, AND CEILINGS WHERE CALLED FOR TO BE PAINTED OR WALL COVERED, SHALL BE PROPERLY PREPARED, SPACKLED, TAPED, SANDED, SIZED, ETC., TO PROVIDE A PERFECTLY SMOOTH LEVEL 5 FINISH AND SURFACE AT ANDWITY SPACES.
65. ALL PAINTED WALLS, AND CEILINGS ARE TO RECEIVE ONE PIGMENTED PRIME COAT AND TWO FINISH COATS. A THIRD AND FINAL COAT OF PAINT SHALL BE COMPLETED AFTER PUNCH LIST COMPLETION.
66. THE CONTRACTOR SHALL UPON COMPLETION, REMOVE ALL PAINT FROM WHERE IT HAS BEEN SPILLED, SPLASHED, OR SPLATTERED ON ALL SURFACES INCLUDING HARDWARE, LIGHT FIXTURES, DIFFUSERS AND REGISTERS, FITTINGS, ETC.
67. WALL COVERING SHALL BE INSTALLED WHERE INDICATED. WRINKLES, BUBBLES, LOOSE EDGES, PASTE, BRUSH MARKS, WILL NOT BE ACCEPTED. WALLS SHALL BE PROPERLY PREPARED, PRIMED AND SEAMED AS PER MFG. RECOMMENDATIONS. PAINTING CONTRACTOR SHALL EXAMINE ALL SURFACES PRIOR TO AND AFTER MOVE-IN AFTER COMPLETION OF WORK BY ALL TRADES AND PROVIDE NECESSARY TOUCH-UP PAINTING OR PATCHING. COST FOR SAME SHALL BE INCLUDED IN PRICE.

68. GC/MANUFACTURER TO PROVIDE ARCHITECT WITH THREE (3) SAMPLES OF ALL FINISHES FOR APPROVAL PRIOR TO PROCUREMENT UNLESS OTHERWISE NOTED. PAINT - GC/MANUFACTURER SHALL SUBMIT THREE (3) SAMPLES PLUS ONE (1) 24"X24" SAMPLE ON SITE FOR EACH FINISH, FOR APPROVAL. SPECIALTY CONSTRUCTION & FINISH - PROVIDE TO-SCALE SHOP DRAWINGS SHOWING ALL DETAILS AND FINISH SAMPLES TO INTERIOR DESIGNER FOR APPROVAL PRIOR TO MOCK-UP FABRICATION. STONE - GC TO SUBMIT SIX (6) SAMPLES OF EACH FINISH SHOWING COLOR & VENING VARIATION RANGE, ALONG WITH WOOD - GC SHALL SUBMIT SIX (6) SAMPLES , SHOWING COLOR & GRAINING VARIATION RANGE, ONE (1) 24"X24" SAMPLE, ACTUAL FLITCH SAMPLE OR PHOTOS AND TO-SCALE SHOP DRAWINGS SHOWING ALL DETAILS TO ARCHITECT FOR APPROVAL, PRIOR TO FABRICATION. W

SITE PLAN LEGEND:

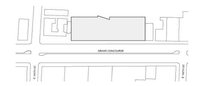
- PROPERTY LINE
- ADJACENT PROPERTY
- R — RESIDENTIAL ENTRY
- C — COMMERCIAL ENTRY
- P — PARKING ENTRY
- L — LOADING BERTH ENTRY
- LIGHT POST
- BOLLARD
- STREET TREE (PROPOSED)
- STREET TREE (EXISTING)
- HYDRANT (HYD)
- VALVE
- MH

THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) IS THE VERTICAL CONTROL ESTABLISHED IN 1991



1 SITE PLAN
SCALE: 1" = 10'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

SITE PLAN

SCALE: As indicated PAGE: 12 OF 75

A-021.00

DOB SCAN STICKER

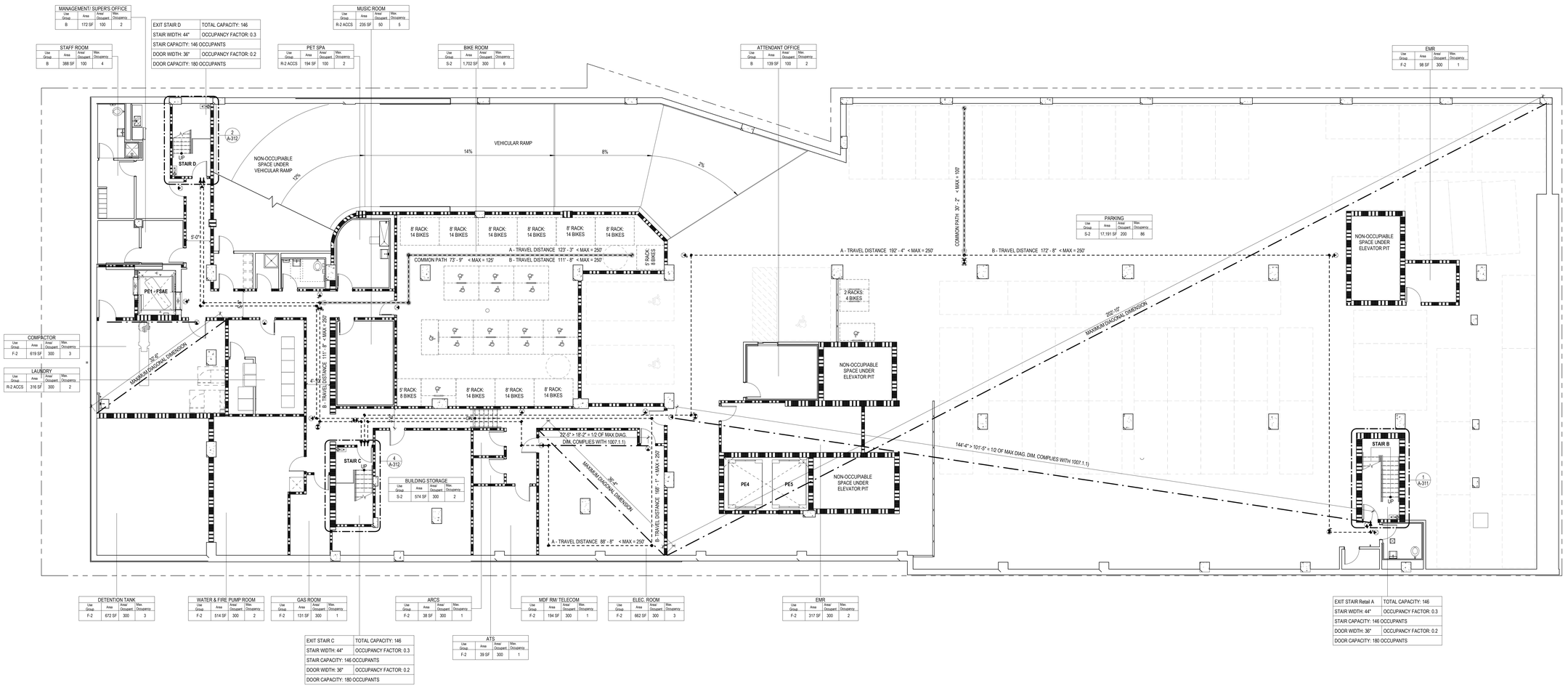
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 12:45:28 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



OCCUPANCY LOAD - CELLAR (TABLE 1004.1.3 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT)

ROOM/ SPACE	OCCUPANCY GROUP	OCCUPANCY TYPE	GROSS UNIT AREA	GROSS AREA PER OCCUPANT	NO. OF OCCUPANT LOAD	REQUIRED EGRESS DOOR WIDTH	TOTAL EGRESS DOOR WIDTH PROVIDED	REQUIRED EGRESS STAIR WIDTH	EGRESS STAIR WIDTH PROVIDED	MAX. TRAVEL DISTANCE PERMITTED	MAX. TRAVEL DISTANCE PROVIDED
B											
ATTENDANT OFFICE	B	BUSINESS AREAS	139 SF	100	2	0.4"	36"	0.6"	44"	300' - 0"	178' - 5"
MANAGEMENT/ SUPER'S OFFICE	B	OFFICE	172 SF	100	2	0.4"	36"	0.6"	44"	300' - 0"	80' - 0"
STAFF ROOM	B	OFFICE	388 SF	100	4	0.8"	36"	1.2"	44"	300' - 0"	96' - 0"
					8	1.6"		2.4"			
F-2											
ARCS	F-2	MECH ROOM	38 SF	300	1	0.2"	36"	0.3"	44"	250' - 0"	142' - 6"
ATS	F-2	MECH ROOM	39 SF	300	1	0.2"	36"	0.3"	44"	250' - 0"	145' - 0"
COMPACTOR	F-2	MECH ROOM	619 SF	300	3	0.6"	72"	0.9"	44"	250' - 0"	107' - 6"
DETENTION TANK	F-2	MECH ROOM	672 SF	300	3	0.6"		0.9"	44"	250' - 0"	193' - 0"
ELEC. ROOM	F-2	MECH ROOM	662 SF	300	3	0.6"	72"	0.9"	44"	250' - 0"	124' - 4"
EMR	F-2	MECH ROOM	317 SF	300	2	0.4"	36"	0.6"	44"	250' - 0"	158' - 3"
EMR	F-2	MECH ROOM	98 SF	300	1	0.2"	36"	0.3"	44"	250' - 0"	177' - 0"
GAS ROOM	F-2	MECH ROOM	131 SF	300	1	0.2"	36"	0.3"	44"	250' - 0"	182' - 6"
MDF RM/ TELECOM	F-2	MECH ROOM	194 SF	300	1	0.2"	36"	0.3"	44"	250' - 0"	169' - 3"
WATER & FIRE PUMP ROOM	F-2	MECH ROOM	514 SF	300	2	0.4"	36"	0.6"	44"	250' - 0"	180' - 0"
					18	3.6"		5.4"			
R-2 ACCS											
LAUNDRY	R-2 ACCS	INCIDENTAL RESI.	316 SF	300	2	0.4"	36"	0.6"	44"	200' - 0"	107' - 8"
MUSIC ROOM	R-2 ACCS	ACCESSORY	235 SF	50	5	1.0"	36"	1.5"	44"	200' - 0"	122' - 4"
PET SPA	R-2 ACCS	SERVICE	194 SF	100	2	0.4"	36"	0.6"	44"	200' - 0"	106' - 5"
					9	1.8"		2.7"			
S-2											
BIKE ROOM	S-2	STORAGE AREA	1,702 SF	300	6	1.2"	42"	1.8"	44"	250' - 0"	139' - 0"
BUILDING STORAGE	S-2	STORAGE AREA	574 SF	300	2	0.4"	36"	0.6"	44"	250' - 0"	235' - 0"
PARKING	S-2	STORAGE AREA	17,191 SF	200	86	17.1"	72"	25.9"	44"	250' - 0"	196' - 10"
					94	18.7"		28.3"			
TOTAL					129	25.7"		38.8"			

FIRE SERVICE ELEVATOR NOTES AND COMPLIANCE

FIRE SERVICE ACCESS ELEVATOR (FSAE) NOTES

1. SPRINKLER SYSTEM SHALL HAVE A SPRINKLER CONTROL VALVE SUPERVISORY SWITCH AND WATERFLOW-INITIATING DEVICE PROVIDED FOR EACH FLOOR THAT IS MONITORED BY THE BUILDING'S FIRE ALARM SYSTEM

2. SPRINKLERS SHALL NOT BE INSTALLED IN ELEVATOR MACHINE ROOMS, MACHINERY SPACES, CONTROL ROOMS, CONTROL SPACES, AND ELEVATOR HOISTWAYS OF FSAE.

3. WHEN FIREFIGHTERS' EMERGENCY OPERATION IS ACTIVE, THE ENTIRE HEIGHT OF THE HOISTWAY SHALL BE ILLUMINATED AT NOT LESS THAN 1 FOOT-CANDLE (11 LUX) AS MEASURED FROM THE TOP OF THE CAR OF EACH FSAE.

4. A PICTORIAL SYMBOL OF A STANDARDIZED DESIGN DESIGNATING FSAE SHALL BE INSTALLED ON EACH SIDE OF THE HOISTWAY DOOR FRAME ON THE PORTION OF THE FRAME AT RIGHT ANGLES TO THE FIRE SERVICE ACCESS ELEVATOR LOBBY. THE FSAE SYMBOL SHALL BE DESIGNED AS SHOWN:

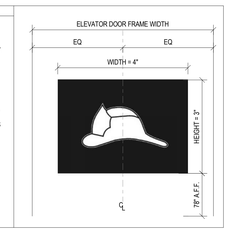


TABLE 403.1 CELLAR FLOOR FIXTURE CALCULATION - BUSINESS AND MERCANTILE

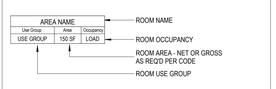
ROOM NAME	OCCUPANCY TYPE	AREA	TOTAL OCCUPANCY LOAD	WATER CLOSETS (URINALS SEE SECTION 419.2)	LAVATORIES	BATH TUBS / SHOWERS	DRINKING FOUNTAINS (SEE SECTION 410)	OTHER

EGRESS CAPACITY - CELLAR FLOOR (AS PER NYC BC §1005.1)

STAIR	DOOR WIDTH	DOOR OCCUPANCY FACTOR	DOOR CAPACITY	STAIR WIDTH	STAIR OCCUPANCY FACTOR	STAIR CAPACITY
Retail A	36	0.2	180	44	0.3	147
C	36	0.2	180	44	0.3	147
D	36	0.2	180	44	0.3	147
Grand total: 3			540			441

1 - HOUR FIRE BARRIER
2 - HOUR FIRE BARRIER
3 - HOUR FIRE BARRIER

ROOM USE OCCUPANCY LOAD



EGRESS COMPONENT CAPACITY

OCCUPANCY CALCULATION

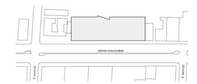
MAXIMUM TRAVEL DISTANCE

DIRECTION OF TRAVEL

FLS SYMBOLS

EXIT SIGNS

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

LIFE SAFETY & EGRESS PLANS - CELLAR

SCALE: As indicated PAGE: 45 OF 141

A-030.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

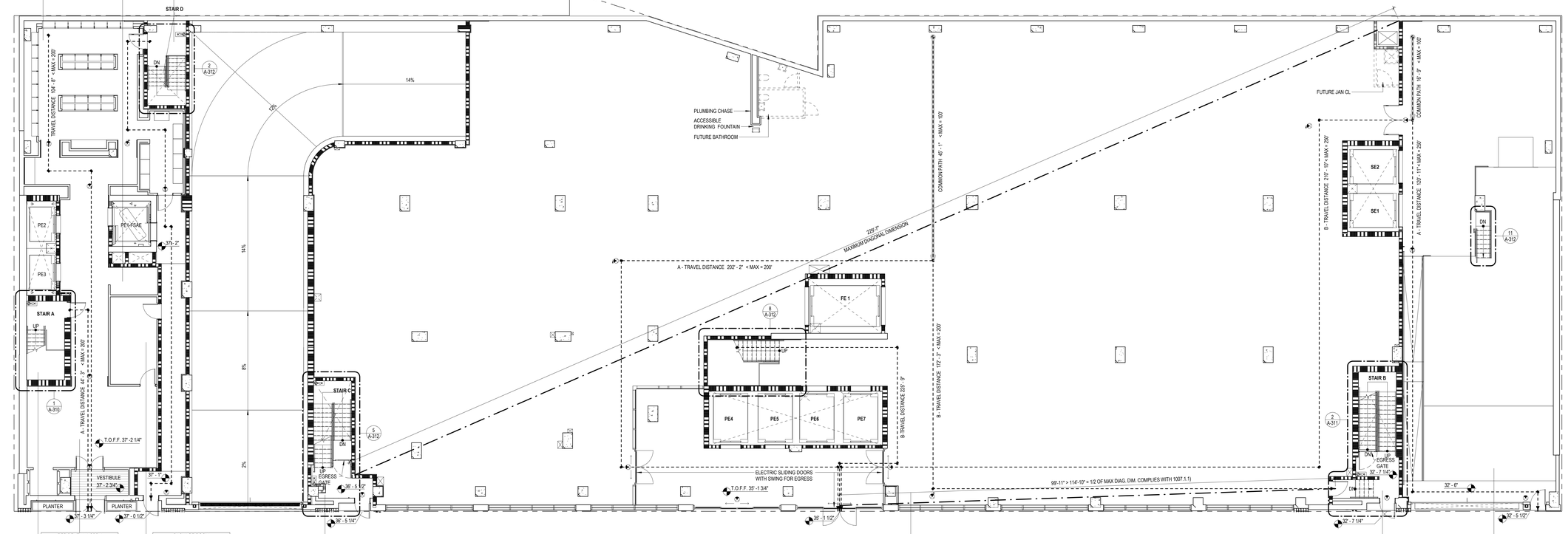
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 12:45:32 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

EXIT STAIR D	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

MAIL ROOM				
Use Group	Area	Area/ Occupant	Max. Occupancy	
R-2 ACCS	988 SF	100	10	

CART ROOM			
Use Group	Area	Area/ Occupant	Max. Occupancy
S-2	61 SF	300	1



RESIDENTIAL LOBBY			
Use Group	Area	Area/ Occupant	Max. Occupancy
R-2 ACCS	850 SF	200	5

PACKAGE ROOM			
Use Group	Area	Area/ Occupant	Max. Occupancy
S-2	180 SF	300	1

RETAIL			
Use Group	Area	Area/ Occupant	Max. Occupancy
M	18,148 SF	60	303

LOADING DOCK			
Use Group	Area	Area/ Occupant	Max. Occupancy
S-2	3,039 SF	300	11

EXIT STAIR A	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

EXIT STAIR C	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

EXIT STAIR B	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
NO.	DATE	ISSUANCES / REVISIONS

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

LIFE SAFETY & EGRESS PLANS - 1ST FLOOR

SCALE: As indicated PAGE: 46 OF 141

A-031.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 12:45:37 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

OCCUPANCY LOAD - FL1 (TABLE 1004.1.3 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT)

ROOM/ SPACE	OCCUPANCY GROUP	OCCUPANCY TYPE	GROSS UNIT AREA	GROSS AREA PER OCCUPANT	NO. OF OCCUPANT LOAD	REQUIRED EGRESS DOOR WIDTH	TOTAL EGRESS DOOR WIDTH PROVIDED	REQUIRED EGRESS STAIR WIDTH	EGRESS STAIR WIDTH PROVIDED	MAX. TRAVEL DISTANCE PERMITTED	MAX. TRAVEL DISTANCE PROVIDED
M											
RETAIL	M	MERCANTILE	18,148 SF	60	303	60.4"	72"	91.1"	44"	200' - 0"	172' - 3"
					303	60.4"		91.1"			
R-2 ACCS											
MAIL ROOM	R-2 ACCS	STORAGE AREA	988 SF	100	10	2.0"	36"	3.0"	44"	200' - 0"	103' - 5"
RESIDENTIAL LOBBY	R-2 ACCS	RESIDENTIAL	850 SF	200	5	1.0"	36"	1.5"	44"	200' - 0"	110' - 0"
					15	3.0"		4.5"			
S-2											
CART ROOM	S-2	STORAGE AREA	61 SF	300	1	0.2"	36"	0.3"	44"	250' - 0"	110' - 0"
LOADING DOCK	S-2	PARKING	3,039 SF	300	11	2.2"	42"	3.3"	44"	250' - 0"	128' - 4"
PACKAGE ROOM	S-2	STORAGE AREA	180 SF	300	1	0.2"	36"	0.3"	44"	250' - 0"	110' - 0"
					13	2.6"		3.9"			
TOTAL					331	65.9"		99.6"			

FIRE SERVICE ELEVATOR NOTES AND COMPLIANCE

FIRE SERVICE ACCESS ELEVATOR (FSAE) NOTES

1. SPRINKLER SYSTEM SHALL HAVE A SPRINKLER CONTROL VALVE SUPERVISORY SWITCH AND WATERFLOW-INITIATING DEVICE PROVIDED FOR EACH FLOOR THAT IS MONITORED BY THE BUILDING'S FIRE ALARM SYSTEM

2. SPRINKLERS SHALL NOT BE INSTALLED IN ELEVATOR MACHINE ROOMS, MACHINERY SPACES, CONTROL ROOMS, CONTROL SPACES, AND ELEVATOR HOISTWAYS OF FSAE.

3. WHEN FIREFIGHTERS' EMERGENCY OPERATION IS ACTIVE, THE ENTIRE HEIGHT OF THE HOISTWAY SHALL BE ILLUMINATED AT NOT LESS THAN 1 FOOT-CANDLE (11 LUX) AS MEASURED FROM THE TOP OF THE CAR OF EACH FSAE.

4. A PICTORIAL SYMBOL OF A STANDARDIZED DESIGN DESIGNATING FSAE SHALL BE INSTALLED ON EACH SIDE OF THE HOISTWAY DOOR FRAME ON THE PORTION OF THE FRAME AT RIGHT ANGLES TO THE FIRE SERVICE ACCESS ELEVATOR LOBBY. THE FSAE SYMBOL SHALL BE DESIGNED AS SHOWN.

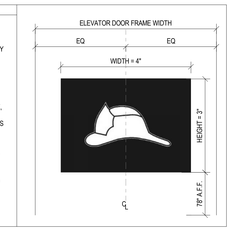
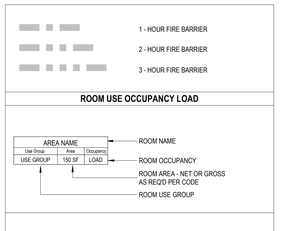


TABLE 403.1 1ST FLOOR FLOOR FIXTURE CALCULATION - BUSINESS AND MERCANTILE

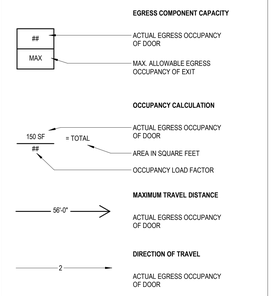
ROOM NAME	OCCUPANCY TYPE	AREA	TOTAL OCCUPANCY LOAD	WATER CLOSETS (URINALS SEE SECTION 419.2)	LAVATORIES	BATH TUBS / SHOWERS	DRINKING FOUNTAINS (SEE SECTION 410)	OTHER
MAIL ROOM	STORAGE AREA	988.14 SF						
RETAIL	MERCANTILE	18,148.03 SF	267	1M + 1F	1M + 1F	NA	1	1 SERVICE SINK
RESIDENTIAL LOBBY	RESIDENTIAL	850.34 SF						

EGRESS CAPACITY - 1ST FLOOR (AS PER NYC BC §1005.1)

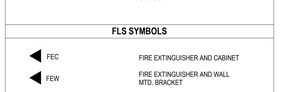
STAIR	DOOR WIDTH	DOOR OCCUPANCY FACTOR	DOOR CAPACITY	STAIR WIDTH	STAIR OCCUPANCY FACTOR	STAIR CAPACITY
A	36	0.2	180	44	0.3	147
B	36	0.2	180	44	0.3	147
C	36	0.2	180	44	0.3	147
D	36	0.2	180	44	0.3	147
Grand total: 4			720			588



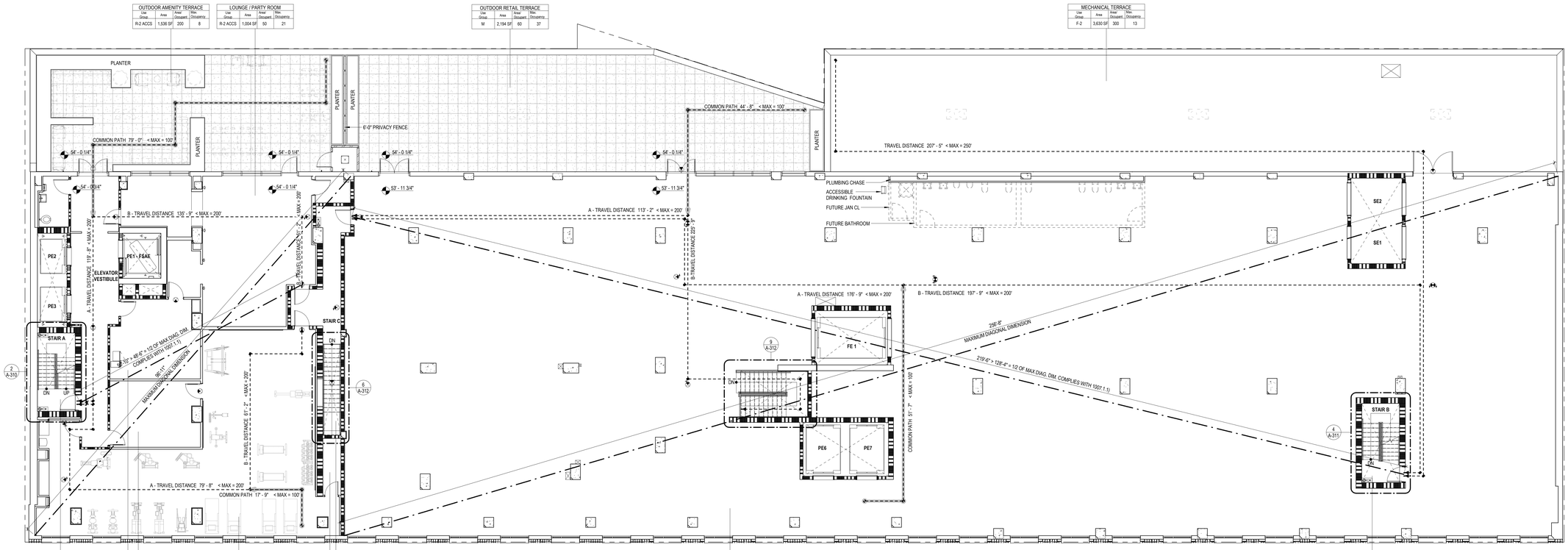
ROOM USE OCCUPANCY LOAD



FLS SYMBOLS



EXIT SIGNS



EXIT STAIR A	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

STUDIO				
Use Group	Area	Area/ Occupant	Max. Occupancy	
R-2 ACCS	261 SF	50	6	

DINING ROOM			
Use Group	Area	Area/ Occupant	Max. Occupancy
R-2 ACCS	301 SF	50	7

BUILDING STORAGE			
Use Group	Area	Area/ Occupant	Max. Occupancy
S-2	55 SF	300	1

FITNESS			
Use Group	Area	Area/ Occupant	Max. Occupancy
R-2 ACCS	1,702 SF	50	35

EXIT STAIR C	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

RETAIL				
Use Group	Area	Area/ Occupant	Max. Occupancy	
M	16,980 SF	60	283	

EXIT STAIR B	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

OCCUPANCY LOAD - FL2 (TABLE 1004.1.3 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT)

ROOM/ SPACE	OCCUPANCY GROUP	OCCUPANCY TYPE	GROSS RESI. AREA	GROSS AREA PER OCCUPANT	NO. OF OCCUPANT LOAD	REQUIRED EGRESS DOOR WIDTH	TOTAL EGRESS DOOR WIDTH PROVIDED	REQUIRED EGRESS STAIR WIDTH	EGRESS STAIR WIDTH PROVIDED	MAX. TRAVEL DISTANCE PERMITTED	MAX. TRAVEL DISTANCE PROVIDED
F-2											
MECHANICAL TERRACE	F-2	MECH ROOM	3,630 SF	300	13	2.6"	72"	3.9"	44"	250' - 0"	91' - 0"
					13	2.6"		3.9"			
M											
OUTDOOR RETAIL TERRACE	M	MERCANTILE	2,194 SF	60	37	7.4"	72"	11.1"	44"	200' - 0"	91' - 0"
RETAIL	M	MERCANTILE	16,980 SF	60	283	56.4"	108"	85.1"	44"	200' - 0"	199' - 11"
					320	63.8"		96.3"			
R-2 ACCS											
DINING ROOM	R-2 ACCS	ACCESSORY	301 SF	50	7	1.4"	108"	2.1"	44"	200' - 0"	71' - 6"
FITNESS	R-2 ACCS	EXERCISE ROOMS	1,702 SF	50	35	7.0"	108"	10.5"	44"	200' - 0"	71' - 6"
LOUNGE / PARTY ROOM	R-2 ACCS	ACCESSORY	1,004 SF	50	21	4.2"	108"	6.3"	44"	200' - 0"	71' - 6"
OUTDOOR AMENITY TERRACE	R-2 ACCS	STATED OCCUPANCY	1,536 SF	200	8	1.6"	72"	2.4"	44"	200' - 0"	91' - 0"
STUDIO	R-2 ACCS	EXERCISE ROOMS	261 SF	50	6	1.2"	108"	1.8"	44"	200' - 0"	71' - 6"
					77	15.3"		23.2"			
S-2											
BUILDING STORAGE	S-2	STORAGE AREA	55 SF	300	1	0.2"	36"	0.3"	44"	250' - 0"	235' - 0"
					1	0.2"		0.3"			
TOTAL					411	81.9"		123.6"			

TABLE 403.1 2ND FLOOR FLOOR FIXTURE CALCULATION - BUSINESS AND MERCANTILE

ROOM NAME	OCCUPANCY TYPE	AREA	TOTAL OCCUPANCY LOAD	WATER CLOSETS (URINALS SEE SECTION 419.2)	LAVATORIES	BATH TUBS / SHOWERS	DRINKING FOUNTAINS (SEE SECTION 410)	OTHER

EGRESS CAPACITY - 2ND FLOOR (AS PER NYC BC §1005.1)

STAIR	DOOR WIDTH	DOOR OCCUPANCY FACTOR	DOOR CAPACITY	STAIR WIDTH	STAIR OCCUPANCY FACTOR	STAIR CAPACITY
A	36	0.2	180	44	0.3	147
B	36	0.2	180	44	0.3	147
C	36	0.2	180	44	0.3	147
Grand total: 3			540			441

FIRE SERVICE ELEVATOR NOTES AND COMPLIANCE

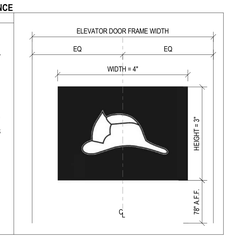
FIRE SERVICE ACCESS ELEVATOR (FSAE) NOTES

1. SPRINKLER SYSTEM SHALL HAVE A SPRINKLER CONTROL VALVE SUPERVISORY SWITCH AND WATERFLOW-INITIATING DEVICE PROVIDED FOR EACH FLOOR THAT IS MONITORED BY THE BUILDING'S FIRE ALARM SYSTEM

2. SPRINKLERS SHALL NOT BE INSTALLED IN ELEVATOR MACHINE ROOMS, MACHINERY SPACES, CONTROL ROOMS, CONTROL SPACES, AND ELEVATOR HOISTWAYS OF FSAE.

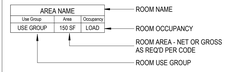
3. WHEN FIREFIGHTERS' EMERGENCY OPERATION IS ACTIVE, THE ENTIRE HEIGHT OF THE HOISTWAY SHALL BE ILLUMINATED AT NOT LESS THAN 1 FOOT-CANDLE (11 LUX) AS MEASURED FROM THE TOP OF THE CAR OF EACH FSAE.

4. A PICTORIAL SYMBOL OF A STANDARDIZED DESIGN DESIGNATING FSAE SHALL BE INSTALLED ON EACH SIDE OF THE HOISTWAY DOOR FRAME ON THE PORTION OF THE FRAME AT RIGHT ANGLES TO THE FIRE SERVICE ACCESS ELEVATOR LOBBY. THE FSAE SYMBOL SHALL BE DESIGNED AS SHOWN:



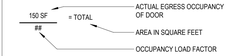
1 - HOUR FIRE BARRIER
2 - HOUR FIRE BARRIER
3 - HOUR FIRE BARRIER

ROOM USE OCCUPANCY LOAD

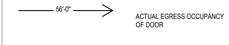


EGRESS COMPONENT CAPACITY

OCCUPANCY CALCULATION



MAXIMUM TRAVEL DISTANCE

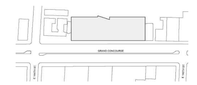


DIRECTION OF TRAVEL

FLS SYMBOLS

EXIT SIGNS

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T.212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

LIFE SAFETY & EGRESS PLANS - 2ND FLOOR

SCALE: As indicated PAGE: 47 OF 141

A-032.00

DOB SCAN STICKER

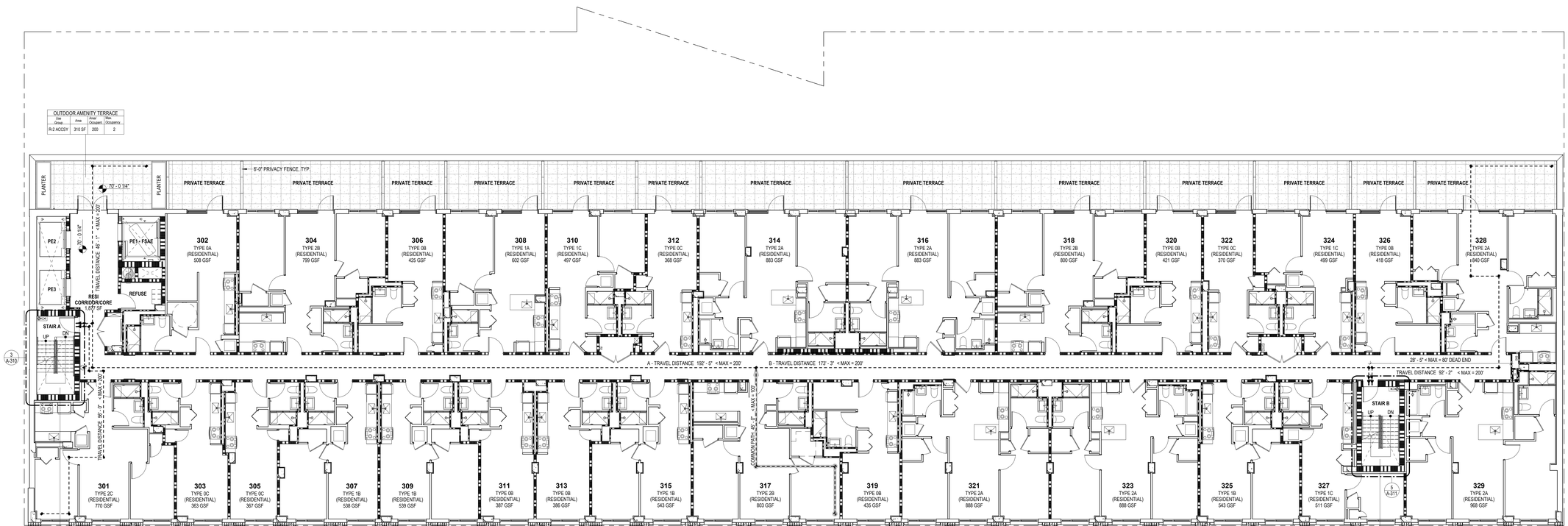
SEAL

CONSTRUCTION DOCUMENTS NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 12:45:42 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



EXIT STAIR A	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

EXIT STAIR B	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

LIGHTING & VENTILATION - 3RD-9TH FLOOR (AS PER BC 1205.2 & BC 1203.4)

APT # / ROOM	ROOM AREA	REQ. AREA FOR AIR (5%)	AIR PROVIDED	COMPLIES (AIR)	REQ. AREA FOR LIGHT (10%)	LIGHT PROVIDED	COMPLIES (LIGHT)
301							
BDR1	112.14 SF	5.61 SF	20.98 SF	YES	11.21 SF	20.98 SF	YES
BDR2	118.3 SF	5.92 SF	20.98 SF	YES	11.83 SF	20.98 SF	YES
LR	173.36 SF	8.67 SF	20.98 SF	YES	17.34 SF	20.98 SF	YES
302							
LR/DR/BD	166.28 SF	8.31 SF	26.95 SF	YES	16.63 SF	26.95 SF	YES
303							
LR/DR/BD	152.1 SF	7.61 SF	20.98 SF	YES	15.21 SF	20.98 SF	YES
304							
BDR1	142.41 SF	7.12 SF	20.98 SF	YES	14.24 SF	20.98 SF	YES
BDR2	127.19 SF	6.36 SF	20.98 SF	YES	12.72 SF	20.98 SF	YES
LR	183.34 SF	9.17 SF	26.95 SF	YES	18.33 SF	26.95 SF	YES
305							
LR/DR/BD	164.18 SF	8.21 SF	20.98 SF	YES	16.42 SF	20.98 SF	YES
306							
LR/DR/BD	152 SF	7.6 SF	26.95 SF	YES	15.2 SF	26.95 SF	YES
307							
BD	140.48 SF	7.02 SF	20.98 SF	YES	14.05 SF	20.98 SF	YES
LR	151.18 SF	7.56 SF	20.98 SF	YES	15.12 SF	20.98 SF	YES
308							
BD	147.55 SF	7.38 SF	20.98 SF	YES	14.75 SF	20.98 SF	YES
LR	169.5 SF	8.47 SF	26.95 SF	YES	16.95 SF	26.95 SF	YES
309							
BD	143.57 SF	7.18 SF	20.98 SF	YES	14.36 SF	20.98 SF	YES
LR	149.91 SF	7.5 SF	20.98 SF	YES	14.99 SF	20.98 SF	YES
310							
BD	110.62 SF	5.53 SF	20.98 SF	YES	11.06 SF	20.98 SF	YES
LR	151.99 SF	7.6 SF	26.95 SF	YES	15.2 SF	26.95 SF	YES
311							
LR/DR/BD	180.07 SF	9 SF	20.98 SF	YES	18.01 SF	20.98 SF	YES
312							
LR/DR/BD	153.87 SF	7.69 SF	26.95 SF	YES	15.39 SF	26.95 SF	YES
313							
LR/DR/BD	180.94 SF	9.05 SF	20.98 SF	YES	18.09 SF	20.98 SF	YES
314							
BDR1	148.77 SF	7.44 SF	20.98 SF	YES	14.88 SF	20.98 SF	YES
BDR2	132.35 SF	6.62 SF	20.98 SF	YES	13.24 SF	20.98 SF	YES
LR	167.62 SF	8.38 SF	26.95 SF	YES	16.76 SF	26.95 SF	YES
315							
BD	142.43 SF	7.12 SF	20.98 SF	YES	14.24 SF	20.98 SF	YES
LR	153.26 SF	7.66 SF	20.98 SF	YES	15.33 SF	20.98 SF	YES
316							
BDR1	149.32 SF	7.47 SF	20.98 SF	YES	14.93 SF	20.98 SF	YES

LIGHTING & VENTILATION - 3RD-9TH FLOOR (AS PER BC 1205.2 & BC 1203.4)

APT # / ROOM	ROOM AREA	REQ. AREA FOR AIR (5%)	AIR PROVIDED	COMPLIES (AIR)	REQ. AREA FOR LIGHT (10%)	LIGHT PROVIDED	COMPLIES (LIGHT)
BDR2	133.63 SF	6.68 SF	20.98 SF	YES	13.36 SF	20.98 SF	YES
LR	169.9 SF	8.49 SF	26.95 SF	YES	16.99 SF	26.95 SF	YES
317							
BDR1	143.88 SF	7.19 SF	20.98 SF	YES	14.39 SF	20.98 SF	YES
BDR2	121.78 SF	6.09 SF	20.98 SF	YES	12.18 SF	20.98 SF	YES
LR	182.48 SF	9.12 SF	20.98 SF	YES	18.25 SF	20.98 SF	YES
318							
BDR1	142.36 SF	7.12 SF	20.98 SF	YES	14.24 SF	20.98 SF	YES
BDR2	126.26 SF	6.31 SF	20.98 SF	YES	12.63 SF	20.98 SF	YES
LR	183.86 SF	9.19 SF	26.95 SF	YES	18.39 SF	26.95 SF	YES
319							
LR/DR/BD	151.19 SF	7.56 SF	20.98 SF	YES	15.12 SF	20.98 SF	YES
320							
LR/DR/BD	152.09 SF	7.6 SF	26.95 SF	YES	15.21 SF	26.95 SF	YES
321							
BDR1	146.71 SF	7.34 SF	20.98 SF	YES	14.67 SF	20.98 SF	YES
BDR2	129.61 SF	6.48 SF	20.98 SF	YES	12.96 SF	20.98 SF	YES
LR	158.35 SF	7.92 SF	20.98 SF	YES	15.83 SF	20.98 SF	YES
322							
LR/DR/BD	151.86 SF	7.59 SF	26.95 SF	YES	15.19 SF	26.95 SF	YES
323							
BDR1	146.69 SF	7.33 SF	20.98 SF	YES	14.67 SF	20.98 SF	YES
BDR2	129.17 SF	6.46 SF	20.98 SF	YES	12.92 SF	20.98 SF	YES
LR	158.59 SF	7.93 SF	20.98 SF	YES	15.86 SF	20.98 SF	YES
324							
BD	108.77 SF	5.44 SF	20.98 SF	YES	10.88 SF	20.98 SF	YES
LR	150.27 SF	7.51 SF	26.95 SF	YES	15.03 SF	26.95 SF	YES
325							
BD	143.66 SF	7.18 SF	20.98 SF	YES	14.37 SF	20.98 SF	YES
LR	153.37 SF	7.67 SF	20.98 SF	YES	15.34 SF	20.98 SF	YES
326							
LR/DR/BD	151.13 SF	7.56 SF	26.95 SF	YES	15.11 SF	26.95 SF	YES
327							
BD	80.35 SF	4.02 SF	20.98 SF	YES	8.03 SF	20.98 SF	YES
LR	154.35 SF	7.72 SF	20.98 SF	YES	15.43 SF	20.98 SF	YES
328							
BDR1	127.08 SF	6.35 SF	20.98 SF	YES	12.71 SF	20.98 SF	YES
BDR2	109.91 SF	5.5 SF	20.98 SF	YES	10.99 SF	20.98 SF	YES
LR	191.01 SF	9.55 SF	26.95 SF	YES	19.1 SF	26.95 SF	YES
329							
BDR1	181.91 SF	9.1 SF	20.98 SF	YES	18.19 SF	20.98 SF	YES
BDR2	128.84 SF	6.44 SF	20.98 SF	YES	12.88 SF	20.98 SF	YES
LR	160.55 SF	8.03 SF	20.98 SF	YES	16.06 SF	20.98 SF	YES

FIRE SERVICE ELEVATOR NOTES AND COMPLIANCE

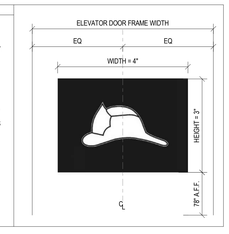
FIRE SERVICE ACCESS ELEVATOR (FSAE) NOTES

1. SPRINKLER SYSTEM SHALL HAVE A SPRINKLER CONTROL VALVE SUPERVISORY SWITCH AND WATERFLOW-INITIATING DEVICE PROVIDED FOR EACH FLOOR THAT IS MONITORED BY THE BUILDING'S FIRE ALARM SYSTEM

2. SPRINKLERS SHALL NOT BE INSTALLED IN ELEVATOR MACHINE ROOMS, MACHINERY SPACES, CONTROL ROOMS, CONTROL SPACES, AND ELEVATOR HOISTWAYS OF FSAE.

3. WHEN FIREFIGHTERS' EMERGENCY OPERATION IS ACTIVE, THE ENTIRE HEIGHT OF THE HOISTWAY SHALL BE ILLUMINATED AT NOT LESS THAN 1 FOOT-CANDLE (11 LUX) AS MEASURED FROM THE TOP OF THE CAR OF EACH FSAE.

4. A PICTORIAL SYMBOL OF A STANDARDIZED DESIGN DESIGNATING FSAE SHALL BE INSTALLED ON EACH SIDE OF THE HOISTWAY DOOR FRAME ON THE PORTION OF THE FRAME AT RIGHT ANGLES TO THE FIRE SERVICE ACCESS ELEVATOR LOBBY. THE FSAE SYMBOL SHALL BE DESIGNED AS SHOWN:

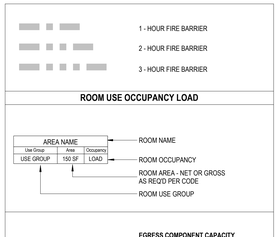


OCCUPANT LOAD AND EGRESS CALCULATION (GSF) - 3RD TO 9TH FLOOR - RESIDENTIAL (AS PER NYC BC SECTIONS 1004 & 1005)

OCCUPANCY TYPE DESCRIPTION	GROSS UNIT	AREA PER OCCUPANT	TOTAL OCC. LOAD	OCC. LOAD PER DOOR	EGRESS DOOR WIDTH REQ'D	EGRESS STAIR WIDTH REQ'D	EGRESS DOOR WIDTH PROVIDED	EGRESS STAIR WIDTH PROVIDED
RESIDENTIAL	17,240 SF	200	86	29	6"	10"	36"	44"

EGRESS CAPACITY - 3RD-9TH FLOOR (AS PER NYC BC §1005.1)

STAIR	DOOR WIDTH	DOOR OCCUPANCY FACTOR	DOOR CAPACITY	STAIR WIDTH	STAIR OCCUPANCY FACTOR	STAIR CAPACITY
A	36	0.2	180	44	0.3	147
B	36	0.2	180	44	0.3	147
Grand total: 2			360			294



ROOM USE OCCUPANCY LOAD

EGRESS COMPONENT CAPACITY

OCCUPANCY CALCULATION

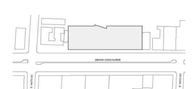
MAXIMUM TRAVEL DISTANCE

DIRECTION OF TRAVEL

FLS SYMBOLS

EXIT SIGNS

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

LIFE SAFETY & EGRESS PLANS - 3RD-9TH FLOOR

SCALE: As indicated PAGE:

A-033.00

DOB SCAN STICKER

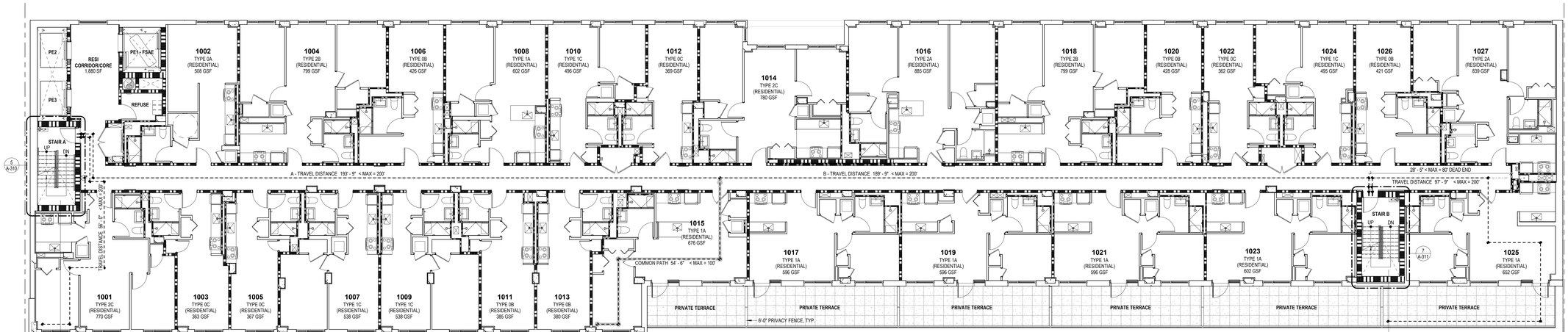
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 12:45:47 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



EXIT STAIR A	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

EXIT STAIR B	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

LIGHTING & VENTILATION - 10TH-11TH FLOOR (AS PER BC 1205.2 & BC 1203.4)

APT # / ROOM	ROOM AREA	REQ. AREA FOR AIR (5%)	AIR PROVIDED	COMPLIES (AIR)	REQ. AREA FOR LIGHT (10%)	LIGHT PROVIDED	COMPLIES (LIGHT)
BDR1	106.15 SF	5.31 SF	20.98 SF	YES	10.62 SF	20.98 SF	YES
BDR2	149.15 SF	7.46 SF	41.96 SF	YES	14.92 SF	41.96 SF	YES
BDR2	149.15 SF	7.46 SF	41.96 SF	YES	14.92 SF	41.96 SF	YES
LR	211.02 SF	10.55 SF	20.98 SF	YES	21.1 SF	20.98 SF	NO
1001							
BDR1	112.14 SF	5.61 SF	20.98 SF	YES	11.21 SF	20.98 SF	YES
BDR2	118.46 SF	5.92 SF	20.98 SF	YES	11.85 SF	20.98 SF	YES
LR	173.36 SF	8.67 SF	20.98 SF	YES	17.34 SF	20.98 SF	YES
1002							
LR/DR/BD	166.4 SF	8.32 SF	20.98 SF	YES	16.64 SF	20.98 SF	YES
1003							
LR/DR/BD	152.11 SF	7.61 SF	20.98 SF	YES	15.21 SF	20.98 SF	YES
1004							
BDR1	142.29 SF	7.11 SF	20.98 SF	YES	14.23 SF	20.98 SF	YES
BDR2	127.32 SF	6.37 SF	20.98 SF	YES	12.73 SF	20.98 SF	YES
LR	183.34 SF	9.17 SF	20.98 SF	YES	18.33 SF	20.98 SF	YES
1005							
LR/DR/BD	164.22 SF	8.21 SF	20.98 SF	YES	16.42 SF	20.98 SF	YES
1006							
LR/DR/BD	152.01 SF	7.6 SF	20.98 SF	YES	15.2 SF	20.98 SF	YES
1007							
BD	140.35 SF	7.02 SF	20.98 SF	YES	14.03 SF	20.98 SF	YES
LR	151.34 SF	7.57 SF	20.98 SF	YES	15.13 SF	20.98 SF	YES
1008							
BD	147.39 SF	7.37 SF	20.98 SF	YES	14.74 SF	20.98 SF	YES
LR	169.67 SF	8.48 SF	20.98 SF	YES	16.97 SF	20.98 SF	YES
1009							
BD	143.73 SF	7.19 SF	20.98 SF	YES	14.37 SF	20.98 SF	YES
LR	149.75 SF	7.49 SF	20.98 SF	YES	14.98 SF	20.98 SF	YES
1010							
BD	110.74 SF	5.54 SF	20.98 SF	YES	11.07 SF	20.98 SF	YES
LR	151.8 SF	7.59 SF	20.98 SF	YES	15.18 SF	20.98 SF	YES
1011							
LR/DR/BD	180.03 SF	9 SF	20.98 SF	YES	18 SF	20.98 SF	YES
1012							
LR/DR/BD	153.9 SF	7.7 SF	20.98 SF	YES	15.39 SF	20.98 SF	YES
1013							
LR/DR/BD	180.98 SF	9.05 SF	20.98 SF	YES	18.1 SF	20.98 SF	YES
1015							
BD	106.62 SF	5.33 SF	20.98 SF	YES	10.66 SF	20.98 SF	YES
LR	194.46 SF	9.72 SF	63.74 SF	YES	19.45 SF	40.34 SF	YES

LIGHTING & VENTILATION - 10TH-11TH FLOOR (AS PER BC 1205.2 & BC 1203.4)

APT # / ROOM	ROOM AREA	REQ. AREA FOR AIR (5%)	AIR PROVIDED	COMPLIES (AIR)	REQ. AREA FOR LIGHT (10%)	LIGHT PROVIDED	COMPLIES (LIGHT)
LR	194.46 SF	9.72 SF	28.87 SF	YES	19.45 SF	40.34 SF	YES
1016							
BDR1	149.34 SF	7.47 SF	20.98 SF	YES	14.93 SF	20.98 SF	YES
BDR2	133.75 SF	6.69 SF	20.98 SF	YES	13.38 SF	20.98 SF	YES
LR	169.9 SF	8.49 SF	20.98 SF	YES	16.99 SF	20.98 SF	YES
1017							
BD	104.65 SF	5.23 SF	20.98 SF	YES	10.47 SF	20.98 SF	YES
LR	199.86 SF	9.99 SF	28.87 SF	YES	19.99 SF	40.34 SF	YES
LR	199.86 SF	9.99 SF	63.74 SF	YES	19.99 SF	40.34 SF	YES
1018							
BDR1	142.2 SF	7.11 SF	20.98 SF	YES	14.22 SF	20.98 SF	YES
BDR2	126.39 SF	6.32 SF	20.98 SF	YES	12.64 SF	20.98 SF	YES
LR	183.86 SF	9.19 SF	20.98 SF	YES	18.39 SF	20.98 SF	YES
1019							
BD	103.83 SF	5.19 SF	20.98 SF	YES	10.38 SF	20.98 SF	YES
LR	162.5 SF	8.13 SF	63.74 SF	YES	16.25 SF	40.34 SF	YES
LR	162.5 SF	8.13 SF	28.87 SF	YES	16.25 SF	40.34 SF	YES
1020							
LR/DR/BD	152.09 SF	7.6 SF	20.98 SF	YES	15.21 SF	20.98 SF	YES
1021							
BD	104.69 SF	5.23 SF	20.98 SF	YES	10.47 SF	20.98 SF	YES
LR	199.8 SF	9.99 SF	63.74 SF	YES	19.98 SF	40.34 SF	YES
LR	199.8 SF	9.99 SF	28.87 SF	YES	19.98 SF	40.34 SF	YES
1022							
LR/DR/BD	151.85 SF	7.59 SF	20.98 SF	YES	15.19 SF	20.98 SF	YES
1023							
BD	100.17 SF	5.01 SF	20.98 SF	YES	10.02 SF	20.98 SF	YES
LR	198.56 SF	9.93 SF	28.87 SF	YES	19.86 SF	40.34 SF	YES
LR	198.56 SF	9.93 SF	63.74 SF	YES	19.86 SF	40.34 SF	YES
1024							
BD	108.65 SF	5.43 SF	20.98 SF	YES	10.86 SF	20.98 SF	YES
LR	150.4 SF	7.52 SF	20.98 SF	YES	15.04 SF	20.98 SF	YES
1025							
BD	89.87 SF	4.49 SF	20.98 SF	YES	8.99 SF	20.98 SF	YES
LR	212.1 SF	10.61 SF	63.74 SF	YES	21.21 SF	40.34 SF	YES
LR	212.1 SF	10.61 SF	28.87 SF	YES	21.21 SF	40.34 SF	YES
1026							
LR/DR/BD	151.12 SF	7.56 SF	20.98 SF	YES	15.11 SF	20.98 SF	YES
1027							
BDR1	127.08 SF	6.35 SF	20.98 SF	YES	12.71 SF	20.98 SF	YES
BDR2	109.79 SF	5.49 SF	20.98 SF	YES	10.98 SF	20.98 SF	YES
LR	191.01 SF	9.55 SF	20.98 SF	YES	19.1 SF	20.98 SF	YES

FIRE SERVICE ELEVATOR NOTES AND COMPLIANCE

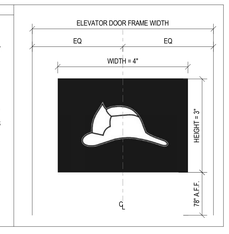
FIRE SERVICE ACCESS ELEVATOR (FSAE) NOTES

1. SPRINKLER SYSTEM SHALL HAVE A SPRINKLER CONTROL VALVE SUPERVISORY SWITCH AND WATERFLOW-INITIATING DEVICE PROVIDED FOR EACH FLOOR THAT IS MONITORED BY THE BUILDING'S FIRE ALARM SYSTEM

2. SPRINKLERS SHALL NOT BE INSTALLED IN ELEVATOR MACHINE ROOMS, MACHINERY SPACES, CONTROL ROOMS, CONTROL SPACES, AND ELEVATOR HOISTWAYS OF FSAE.

3. WHEN FIREFIGHTERS' EMERGENCY OPERATION IS ACTIVE, THE ENTIRE HEIGHT OF THE HOISTWAY SHALL BE ILLUMINATED AT NOT LESS THAN 1 FOOT-CANDLE (11 LUX) AS MEASURED FROM THE TOP OF THE CAR OF EACH FSAE.

4. A PICTORIAL SYMBOL OF A STANDARDIZED DESIGN DESIGNATING FSAE SHALL BE INSTALLED ON EACH SIDE OF THE HOISTWAY DOOR FRAME ON THE PORTION OF THE FRAME AT RIGHT ANGLES TO THE FIRE SERVICE ACCESS ELEVATOR LOBBY. THE FSAE SYMBOL SHALL BE DESIGNED AS SHOWN:



OCCUPANT LOAD AND EGRESS CALCULATION (GSF) - 10TH TO 11TH FLOOR - RESIDENTIAL (AS PER NYC BC SECTIONS 1004 & 1005)

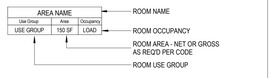
OCCUPANCY TYPE DESCRIPTION	GROSS UNIT	AREA PER OCCUPANT	TOTAL OCC. LOAD	OCC. LOAD PER DOOR	EGRESS DOOR WIDTH REQ'D	EGRESS STAIR WIDTH REQ'D	EGRESS DOOR WIDTH PROVIDED	EGRESS STAIR WIDTH PROVIDED
RESIDENTIAL	15,267 SF	200	76	25	5"	9"	36"	44"

EGRESS CAPACITY - 10TH-11TH FLOOR (AS PER NYC BC §1005.1)

mv	DOOR WIDTH	DOOR OCCUPANCY FACTOR	DOOR CAPACITY	STAIR WIDTH	STAIR OCCUPANCY FACTOR	STAIR CAPACITY
A	36	0.2	180	44	0.3	147
B	36	0.2	180	44	0.3	147
Grand total: 2			360			294

1 - HOUR FIRE BARRIER
2 - HOUR FIRE BARRIER
3 - HOUR FIRE BARRIER

ROOM USE OCCUPANCY LOAD



EGRESS COMPONENT CAPACITY

OCCUPANCY CALCULATION

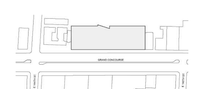
MAXIMUM TRAVEL DISTANCE

DIRECTION OF TRAVEL

FLS SYMBOLS

EXIT SIGNS

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

LIFE SAFETY & EGRESS PLANS - 10TH-11TH FLOOR

SCALE: As indicated PAGE:

A-034.00

DOB SCAN STICKER

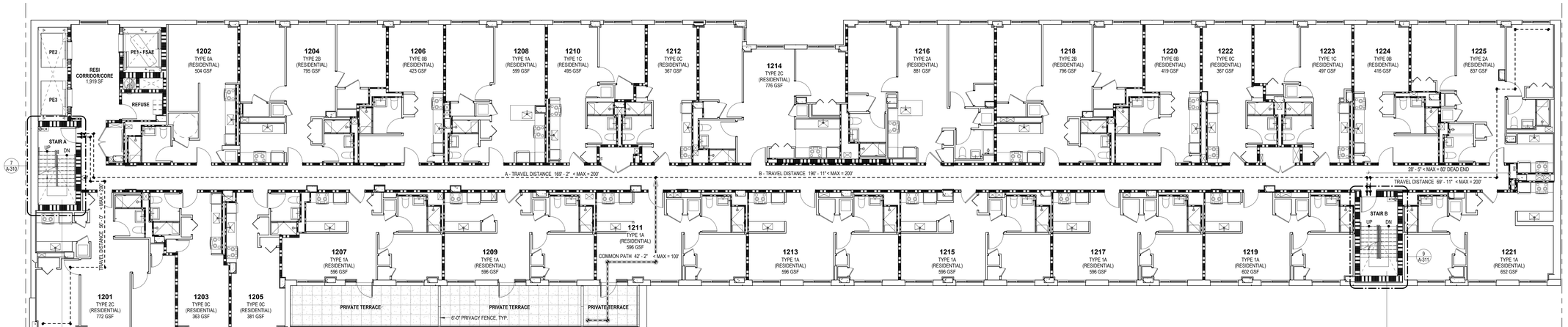
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 12:45:53 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



EXIT STAIR A	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

EXIT STAIR B	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

LIGHTING & VENTILATION - 12TH FLOOR (AS PER BC 1205.2 & BC 1203.4)

APT # / ROOM	ROOM AREA	REQ. AREA FOR AIR (5%)	AIR PROVIDED	COMPLIES (AIR)	REQ. AREA FOR LIGHT (10%)	LIGHT PROVIDED	COMPLIES (LIGHT)
BD	105.53 SF	5.28 SF	20.98 SF	YES	10.55 SF	20.98 SF	YES
BDlf1	106.15 SF	5.31 SF	20.98 SF	YES	10.62 SF	20.98 SF	YES
BDlf2	149.15 SF	7.46 SF	41.95 SF	YES	14.92 SF	41.95 SF	YES
BDlf2	149.15 SF	7.46 SF	41.95 SF	YES	14.92 SF	41.95 SF	YES
LR	175.61 SF	8.78 SF	38.37 SF	YES	17.56 SF	61.32 SF	YES
LR	211.02 SF	10.55 SF	84.72 SF	YES	21.1 SF	61.32 SF	YES
LR	175.61 SF	8.78 SF	84.72 SF	YES	17.56 SF	61.32 SF	YES
1201							
BDlf1	112.14 SF	5.61 SF	20.98 SF	YES	11.21 SF	20.98 SF	YES
BDlf2	118.46 SF	5.92 SF	20.98 SF	YES	11.85 SF	20.98 SF	YES
LR	173.36 SF	8.67 SF	20.98 SF	YES	17.34 SF	20.98 SF	YES
1202							
LR/DR/BD	166.4 SF	8.32 SF	20.98 SF	YES	16.64 SF	20.98 SF	YES
1203							
LR/DR/BD	152.11 SF	7.61 SF	20.98 SF	YES	15.21 SF	20.98 SF	YES
1204							
BDlf1	142.29 SF	7.11 SF	20.98 SF	YES	14.23 SF	20.98 SF	YES
BDlf2	127.32 SF	6.37 SF	20.98 SF	YES	12.73 SF	20.98 SF	YES
LR	183.34 SF	9.17 SF	20.98 SF	YES	18.33 SF	20.98 SF	YES
1205							
LR/DR/BD	170.28 SF	8.51 SF	20.98 SF	YES	17.03 SF	20.98 SF	YES
1206							
LR/DR/BD	152.01 SF	7.6 SF	20.98 SF	YES	15.2 SF	20.98 SF	YES
1208							
BD	147.39 SF	7.37 SF	20.98 SF	YES	14.74 SF	20.98 SF	YES
LR	169.67 SF	8.48 SF	20.98 SF	YES	16.97 SF	20.98 SF	YES
1209							
BD	105.07 SF	5.25 SF	20.98 SF	YES	10.51 SF	20.98 SF	YES
LR	163.9 SF	8.2 SF	63.74 SF	YES	16.39 SF	40.34 SF	YES
LR	163.9 SF	8.2 SF	28.87 SF	YES	16.39 SF	40.34 SF	YES
1210							
BD	110.74 SF	5.54 SF	20.98 SF	YES	11.07 SF	20.98 SF	YES
LR	151.8 SF	7.59 SF	20.98 SF	YES	15.18 SF	20.98 SF	YES
1211							
BD	103.14 SF	5.16 SF	20.98 SF	YES	10.31 SF	20.98 SF	YES
LR	198.36 SF	9.92 SF	28.87 SF	YES	19.84 SF	40.34 SF	YES
LR	198.36 SF	9.92 SF	63.74 SF	YES	19.84 SF	40.34 SF	YES
1212							
LR/DR/BD	153.9 SF	7.7 SF	20.98 SF	YES	15.39 SF	20.98 SF	YES
1213							

LIGHTING & VENTILATION - 12TH FLOOR (AS PER BC 1205.2 & BC 1203.4)

APT # / ROOM	ROOM AREA	REQ. AREA FOR AIR (5%)	AIR PROVIDED	COMPLIES (AIR)	REQ. AREA FOR LIGHT (10%)	LIGHT PROVIDED	COMPLIES (LIGHT)
BD	104.65 SF	5.23 SF	20.98 SF	YES	10.47 SF	20.98 SF	YES
LR	199.86 SF	9.99 SF	41.95 SF	YES	19.99 SF	41.95 SF	YES
LR	199.86 SF	9.99 SF	41.95 SF	YES	19.99 SF	41.95 SF	YES
1215							
BD	103.83 SF	5.19 SF	20.98 SF	YES	10.38 SF	20.98 SF	YES
LR	162.5 SF	8.13 SF	41.95 SF	YES	16.25 SF	41.95 SF	YES
LR	162.5 SF	8.13 SF	41.95 SF	YES	16.25 SF	41.95 SF	YES
1216							
BDlf1	149.18 SF	7.46 SF	20.98 SF	YES	14.92 SF	20.98 SF	YES
BDlf2	133.75 SF	6.69 SF	20.98 SF	YES	13.38 SF	20.98 SF	YES
LR	169.9 SF	8.49 SF	20.98 SF	YES	16.99 SF	20.98 SF	YES
1217							
BD	104.59 SF	5.23 SF	20.98 SF	YES	10.46 SF	20.98 SF	YES
LR	199.8 SF	9.99 SF	41.95 SF	YES	19.98 SF	41.95 SF	YES
LR	199.8 SF	9.99 SF	41.95 SF	YES	19.98 SF	41.95 SF	YES
1218							
BDlf1	142.2 SF	7.11 SF	20.98 SF	YES	14.22 SF	20.98 SF	YES
BDlf2	126.39 SF	6.32 SF	20.98 SF	YES	12.64 SF	20.98 SF	YES
LR	183.86 SF	9.19 SF	20.98 SF	YES	18.39 SF	20.98 SF	YES
1219							
BD	100.17 SF	5.01 SF	20.98 SF	YES	10.02 SF	20.98 SF	YES
LR	198.56 SF	9.93 SF	41.95 SF	YES	19.86 SF	41.95 SF	YES
LR	198.56 SF	9.93 SF	41.95 SF	YES	19.86 SF	41.95 SF	YES
1220							
LR/DR/BD	152.09 SF	7.6 SF	20.98 SF	YES	15.21 SF	20.98 SF	YES
1221							
BD	89.87 SF	4.49 SF	20.98 SF	YES	8.99 SF	20.98 SF	YES
LR	212.1 SF	10.61 SF	41.95 SF	YES	21.21 SF	41.95 SF	YES
LR	212.1 SF	10.61 SF	41.95 SF	YES	21.21 SF	41.95 SF	YES
1222							
LR/DR/BD	151.85 SF	7.59 SF	20.98 SF	YES	15.19 SF	20.98 SF	YES
1223							
BD	108.65 SF	5.43 SF	20.98 SF	YES	10.86 SF	20.98 SF	YES
LR	150.4 SF	7.52 SF	20.98 SF	YES	15.04 SF	20.98 SF	YES
1224							
LR/DR/BD	151.12 SF	7.56 SF	20.98 SF	YES	15.11 SF	20.98 SF	YES
1225							
BDlf1	127.08 SF	6.35 SF	20.98 SF	YES	12.71 SF	20.98 SF	YES
BDlf2	109.79 SF	5.49 SF	20.98 SF	YES	10.98 SF	20.98 SF	YES
LR	191.01 SF	9.55 SF	20.98 SF	YES	19.1 SF	20.98 SF	YES

FIRE SERVICE ELEVATOR NOTES AND COMPLIANCE

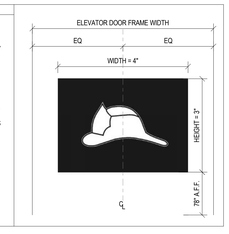
FIRE SERVICE ACCESS ELEVATOR (FSAE) NOTES

1. SPRINKLER SYSTEM SHALL HAVE A SPRINKLER CONTROL VALVE SUPERVISORY SWITCH AND WATERFLOW-INITIATING DEVICE PROVIDED FOR EACH FLOOR THAT IS MONITORED BY THE BUILDING'S FIRE ALARM SYSTEM

2. SPRINKLERS SHALL NOT BE INSTALLED IN ELEVATOR MACHINE ROOMS, MACHINERY SPACES, CONTROL ROOMS, CONTROL SPACES, AND ELEVATOR HOISTWAYS OF FSAE.

3. WHEN FIREFIGHTERS' EMERGENCY OPERATION IS ACTIVE, THE ENTIRE HEIGHT OF THE HOISTWAY SHALL BE ILLUMINATED AT NOT LESS THAN 1 FOOT-CANDLE (11 LUX) AS MEASURED FROM THE TOP OF THE CAR OF EACH FSAE.

4. A PICTORIAL SYMBOL OF A STANDARDIZED DESIGN DESIGNATING FSAE SHALL BE INSTALLED ON EACH SIDE OF THE HOISTWAY DOOR FRAME ON THE PORTION OF THE FRAME AT RIGHT ANGLES TO THE FIRE SERVICE ACCESS ELEVATOR LOBBY. THE FSAE SYMBOL SHALL BE DESIGNED AS SHOWN:



OCCUPANT LOAD AND EGRESS CALCULATION (GSF) - 12TH FLOOR - RESIDENTIAL (AS PER NYC BC SECTIONS 1004 & 1005)

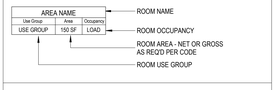
OCCUPANCY TYPE DESCRIPTION	GROSS UNIT	AREA PER OCCUPANT	TOTAL OCC. LOAD	OCC. LOAD PER DOOR	EGRESS DOOR WIDTH REQ'D	EGRESS STAIR WIDTH REQ'D	EGRESS DOOR WIDTH PROVIDED	EGRESS STAIR WIDTH PROVIDED
RESIDENTIAL	14,518 SF	200	73	24	5"	9"	36"	44"

EGRESS CAPACITY - 12TH FLOOR (AS PER NYC BC §1005.1)

STAIR	DOOR WIDTH	DOOR OCCUPANCY FACTOR	DOOR CAPACITY	STAIR WIDTH	STAIR OCCUPANCY FACTOR	STAIR CAPACITY
A	36	0.2	180	44	0.3	147
B	36	0.2	180	44	0.3	147
Grand total: 2			360			294

1 - HOUR FIRE BARRIER
2 - HOUR FIRE BARRIER
3 - HOUR FIRE BARRIER

ROOM USE OCCUPANCY LOAD



EGRESS COMPONENT CAPACITY

OCCUPANCY CALCULATION

MAXIMUM TRAVEL DISTANCE

DIRECTION OF TRAVEL

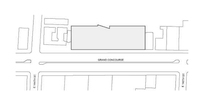
FLS SYMBOLS

FEC — FIRE EXTINGUISHER AND CABINET
FEW — FIRE EXTINGUISHER AND WALL MTD. BRACKET
STP — STAND PIPE

EXIT SIGNS

SINGLE SIDED — W/ DIRECTIONAL ARROW
DOUBLE SIDED — WALL MOUNTED

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

LIFE SAFETY & EGRESS PLANS - 12TH FLOOR

SCALE: As indicated PAGE:

A-035.00

DOB SCAN STICKER

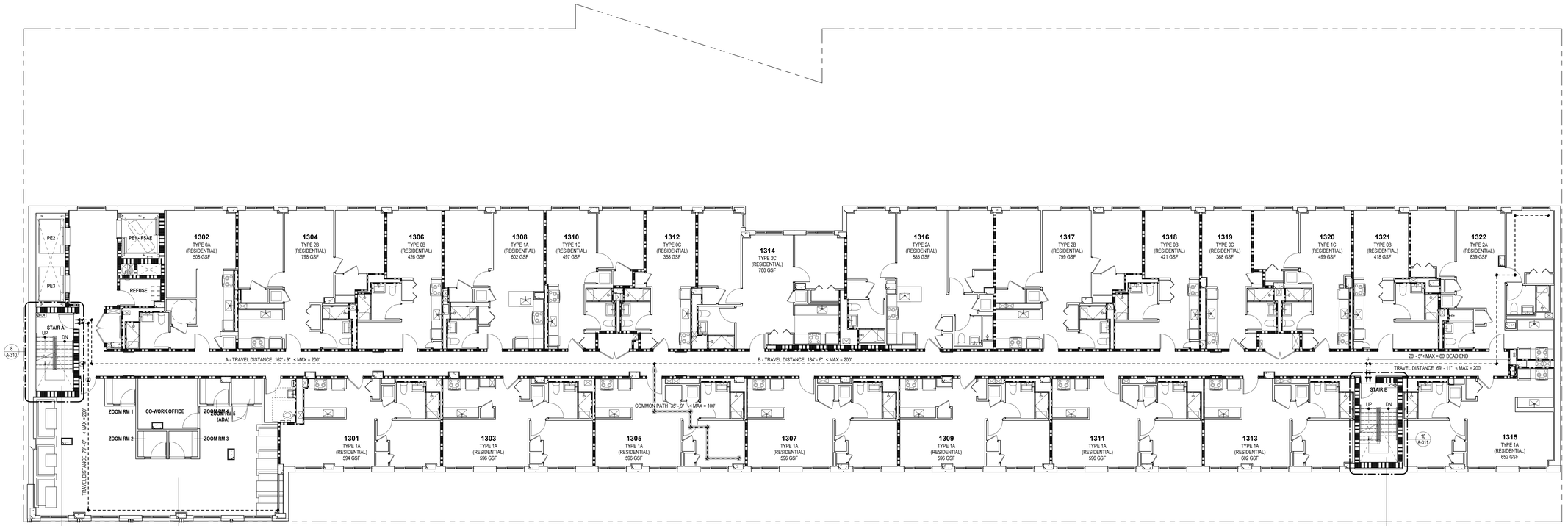
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 12:45:58 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



EXIT STAIR A	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

CO-WORK			
Use Group	Area	Area/ Occupant	Max Occupancy
RESIDENTIAL	1,441 SF	50	29

EXIT STAIR B	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

LIGHTING & VENTILATION - PENTHOUSE FLOOR (AS PER BC 1205.2 & BC 1203.4)

APT # / ROOM	ROOM AREA	REQ. AREA FOR AIR (5%)	AIR PROVIDED	COMPLIES (AIR)	REQ. AREA FOR LIGHT (10%)	LIGHT PROVIDED	COMPLIES (LIGHT)
BD	105.53 SF	5.28 SF	20.98 SF	YES	10.55 SF	20.98 SF	YES
BDH1	106.15 SF	5.31 SF	20.98 SF	YES	10.62 SF	20.98 SF	YES
BDH2	149.15 SF	7.46 SF	41.95 SF	YES	14.92 SF	41.95 SF	YES
BDH2	149.15 SF	7.46 SF	41.95 SF	YES	14.92 SF	41.95 SF	YES
LR	211.02 SF	10.55 SF	62.93 SF	YES	21.1 SF	62.93 SF	YES
LR	180.09 SF	9 SF	62.93 SF	YES	18.01 SF	62.93 SF	YES
LR	180.09 SF	9 SF	62.93 SF	YES	18.01 SF	62.93 SF	YES
1204							
BDH1	142.29 SF	7.11 SF	20.98 SF	YES	14.23 SF	20.98 SF	YES
BDH2	127.32 SF	6.37 SF	20.98 SF	YES	12.73 SF	20.98 SF	YES
LR	183.34 SF	9.17 SF	20.98 SF	YES	18.33 SF	20.98 SF	YES
1210							
BD	110.74 SF	5.54 SF	20.98 SF	YES	11.07 SF	20.98 SF	YES
LR	150.66 SF	7.53 SF	20.98 SF	YES	15.07 SF	20.98 SF	YES
1302							
LR/DR/BD	166.4 SF	8.32 SF	20.98 SF	YES	16.64 SF	20.98 SF	YES
1305							
BD	105.07 SF	5.25 SF	20.98 SF	YES	10.51 SF	20.98 SF	YES
LR	163.9 SF	8.2 SF	41.95 SF	YES	16.39 SF	41.95 SF	YES
LR	163.9 SF	8.2 SF	41.95 SF	YES	16.39 SF	41.95 SF	YES
1306							
LR/DR/BD	152.01 SF	7.6 SF	20.98 SF	YES	15.2 SF	20.98 SF	YES
1307							
BD	103.14 SF	5.16 SF	20.98 SF	YES	10.31 SF	20.98 SF	YES
LR	198.36 SF	9.92 SF	41.95 SF	YES	19.84 SF	41.95 SF	YES
LR	198.36 SF	9.92 SF	41.95 SF	YES	19.84 SF	41.95 SF	YES
1308							
BD	147.39 SF	7.37 SF	20.98 SF	YES	14.74 SF	20.98 SF	YES
LR	169.67 SF	8.48 SF	20.98 SF	YES	16.97 SF	20.98 SF	YES
1309							
BD	104.65 SF	5.23 SF	20.98 SF	YES	10.47 SF	20.98 SF	YES
LR	199.86 SF	9.99 SF	41.95 SF	YES	19.99 SF	41.95 SF	YES
LR	199.86 SF	9.99 SF	41.95 SF	YES	19.99 SF	41.95 SF	YES
1311							
BD	103.83 SF	5.19 SF	20.98 SF	YES	10.38 SF	20.98 SF	YES
LR	162.5 SF	8.13 SF	41.95 SF	YES	16.25 SF	41.95 SF	YES
LR	162.5 SF	8.13 SF	41.95 SF	YES	16.25 SF	41.95 SF	YES

LIGHTING & VENTILATION - PENTHOUSE FLOOR (AS PER BC 1205.2 & BC 1203.4)

APT # / ROOM	ROOM AREA	REQ. AREA FOR AIR (5%)	AIR PROVIDED	COMPLIES (AIR)	REQ. AREA FOR LIGHT (10%)	LIGHT PROVIDED	COMPLIES (LIGHT)
1312							
LR/DR/BD	153.9 SF	7.7 SF	20.98 SF	YES	15.39 SF	20.98 SF	YES
1313							
BD	104.59 SF	5.23 SF	20.98 SF	YES	10.46 SF	20.98 SF	YES
LR	199.8 SF	9.99 SF	41.95 SF	YES	19.98 SF	41.95 SF	YES
LR	199.8 SF	9.99 SF	41.95 SF	YES	19.98 SF	41.95 SF	YES
1315							
BD	100.17 SF	5.01 SF	20.98 SF	YES	10.02 SF	20.98 SF	YES
LR	198.56 SF	9.93 SF	41.95 SF	YES	19.86 SF	41.95 SF	YES
LR	198.56 SF	9.93 SF	41.95 SF	YES	19.86 SF	41.95 SF	YES
1316							
BDH1	149.34 SF	7.47 SF	20.98 SF	YES	14.93 SF	20.98 SF	YES
BDH2	133.75 SF	6.69 SF	20.98 SF	YES	13.38 SF	20.98 SF	YES
LR	169.9 SF	8.49 SF	20.98 SF	YES	16.99 SF	20.98 SF	YES
1317							
BD	89.87 SF	4.49 SF	20.98 SF	YES	8.99 SF	20.98 SF	YES
LR	212.1 SF	10.61 SF	41.95 SF	YES	21.21 SF	41.95 SF	YES
LR	212.1 SF	10.61 SF	41.95 SF	YES	21.21 SF	41.95 SF	YES
1318							
BDH1	142.2 SF	7.11 SF	20.98 SF	YES	14.22 SF	20.98 SF	YES
BDH2	126.39 SF	6.32 SF	20.98 SF	YES	12.64 SF	20.98 SF	YES
LR	163.86 SF	9.19 SF	20.98 SF	YES	16.39 SF	20.98 SF	YES
1319							
LR/DR/BD	152.09 SF	7.6 SF	20.98 SF	YES	15.21 SF	20.98 SF	YES
1320							
LR/DR/BD	151.85 SF	7.59 SF	20.98 SF	YES	15.19 SF	20.98 SF	YES
1321							
BD	108.65 SF	5.43 SF	20.98 SF	YES	10.86 SF	20.98 SF	YES
LR	150.4 SF	7.52 SF	20.98 SF	YES	15.04 SF	20.98 SF	YES
1322							
LR/DR/BD	151.12 SF	7.56 SF	20.98 SF	YES	15.11 SF	20.98 SF	YES
1323							
BDH1	127.08 SF	6.35 SF	20.98 SF	YES	12.71 SF	20.98 SF	YES
BDH2	109.79 SF	5.49 SF	20.98 SF	YES	10.98 SF	20.98 SF	YES
LR	191.01 SF	9.55 SF	20.98 SF	YES	19.1 SF	20.98 SF	YES

FIRE SERVICE ELEVATOR NOTES AND COMPLIANCE

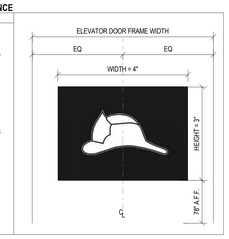
FIRE SERVICE ACCESS ELEVATOR (FSAE) NOTES

1. SPRINKLER SYSTEM SHALL HAVE A SPRINKLER CONTROL VALVE SUPERVISORY SWITCH AND WATERFLOW-INITIATING DEVICE PROVIDED FOR EACH FLOOR THAT IS MONITORED BY THE BUILDING'S FIRE ALARM SYSTEM

2. SPRINKLERS SHALL NOT BE INSTALLED IN ELEVATOR MACHINE ROOMS, MACHINERY SPACES, CONTROL ROOMS, CONTROL SPACES, AND ELEVATOR HOISTWAYS OF FSAE.

3. WHEN FIREFIGHTERS' EMERGENCY OPERATION IS ACTIVE, THE ENTIRE HEIGHT OF THE HOISTWAY SHALL BE ILLUMINATED AT NOT LESS THAN 1 FOOT-CANDLE (11 LUX) AS MEASURED FROM THE TOP OF THE CAR OF EACH FSAE.

4. A PICTORIAL SYMBOL OF A STANDARDIZED DESIGN DESIGNATING FSAE SHALL BE INSTALLED ON EACH SIDE OF THE HOISTWAY DOOR FRAME ON THE PORTION OF THE FRAME AT RIGHT ANGLES TO THE FIRE SERVICE ACCESS ELEVATOR LOBBY. THE FSAE SYMBOL SHALL BE DESIGNED AS SHOWN:



OCCUPANT LOAD AND EGRESS CALCULATION (GSF) - PENTHOUSE FLOOR - RESIDENTIAL (AS PER NYC BC SECTIONS 1004 & 1005)

OCCUPANCY TYPE DESCRIPTION	GROSS UNIT	AREA PER OCCUPANT	TOTAL OCC. LOAD	OCC. LOAD PER DOOR	EGRESS DOOR WIDTH REQ'D	EGRESS STAIR WIDTH REQ'D	EGRESS DOOR WIDTH PROVIDED	EGRESS STAIR WIDTH PROVIDED
RESIDENTIAL	13,035 SF	200	65	31	6"	11"	36"	44"
RESIDENTIAL AMENITY	1,441 SF	50	29	31	6"	11"	36"	44"
	14,476 SF		94					

EGRESS CAPACITY - PENTHOUSE FLOOR (AS PER NYC BC §1005.1)

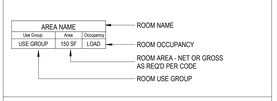
STAIR	DOOR WIDTH	DOOR OCCUPANCY FACTOR	DOOR CAPACITY	STAIR WIDTH	STAIR OCCUPANCY FACTOR	STAIR CAPACITY
A	36	0.2	180	44	0.3	147
B	36	0.2	180	44	0.3	147
Grand total: 2			360			294

1 - HOUR FIRE BARRIER

2 - HOUR FIRE BARRIER

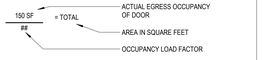
3 - HOUR FIRE BARRIER

ROOM USE OCCUPANCY LOAD



EGRESS COMPONENT CAPACITY

OCCUPANCY CALCULATION



MAXIMUM TRAVEL DISTANCE

DIRECTION OF TRAVEL

FLS SYMBOLS

FEC — FIRE EXTINGUISHER AND CABINET

FEW — FIRE EXTINGUISHER AND WALL MTD. BRACKET

STP — STAND PIPE

EXIT SIGNS

SINGLE SIDED

DOUBLE SIDED

W/ DIRECTIONAL ARROW

WALL MOUNTED

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192591-I1

DRAWING TITLE:

LIFE SAFETY & EGRESS PLANS - PENTHOUSE FLOOR

SCALE: As indicated PAGE:

A-036.00

DOB SCAN STICKER

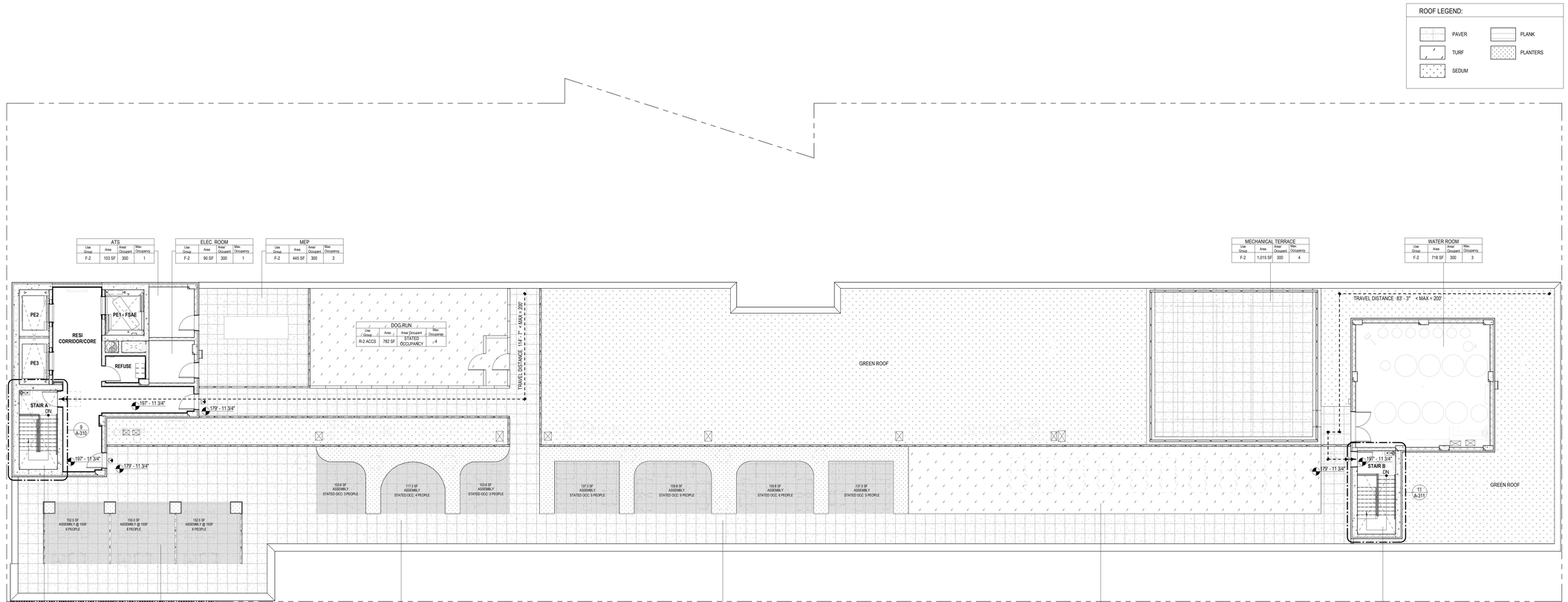
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 12:46:04 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



EXIT STAIR A	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

BBQ/ LOUNGE

Use Group	Area	Area/ Occupant	Max. Occupancy
R-2 ACCS	1,393 SF	STATED OCCUPANCY	18

SUN DECK 1

Use Group	Area	Area/ Occupant	Max. Occupancy
R-2 ACCS	956 SF	STATED OCCUPANCY	10

SUN DECK 2

Use Group	Area	Area/ Occupant	Max. Occupancy
R-2 ACCS	1,448 SF	STATED OCCUPANCY	22

SUN DECK 3

Use Group	Area	Area/ Occupant	Max. Occupancy
R-2 ACCS	1,580 SF	STATED OCCUPANCY	10

EXIT STAIR B	TOTAL CAPACITY: 146
STAIR WIDTH: 44"	OCCUPANCY FACTOR: 0.3
STAIR CAPACITY: 146 OCCUPANTS	
DOOR WIDTH: 36"	OCCUPANCY FACTOR: 0.2
DOOR CAPACITY: 180 OCCUPANTS	

OCCUPANCY LOAD - ROOF (TABLE 1004.1.3 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT)

ROOM/ SPACE	OCCUPANCY GROUP	OCCUPANCY TYPE	GROSS UNIT AREA	GROSS AREA PER OCCUPANT	NO. OF OCCUPANT LOAD	REQUIRED EGRESS DOOR WIDTH	TOTAL EGRESS DOOR WIDTH PROVIDED	REQUIRED EGRESS STAIR WIDTH	EGRESS STAIR WIDTH PROVIDED	MAX. TRAVEL DISTANCE PERMITTED	MAX. TRAVEL DISTANCE PROVIDED
F-2											
ATS	F-2	MECH ROOM	103 SF	300	1	0.2"	36"	0.3"	44"	250' - 0"	75' - 8"
ELEC. ROOM	F-2	MECH ROOM	90 SF	300	1	0.2"	36"	0.3"	44"	250' - 0"	64' - 10"
MECHANICAL TERRACE	F-2	MECH ROOM	1,015 SF	300	4	0.8"	36"	1.2"	44"	250' - 0"	59' - 0"
MEP	F-2	MECH ROOM	445 SF	300	2	0.4"	36"	0.6"	44"	250' - 0"	69' - 8"
WATER ROOM	F-2	MECH ROOM	718 SF	300	3	0.6"	36"	0.9"	44"	250' - 0"	57' - 0"
					11	2.2"		3.3"			
R-2 ACCS											
BBQ/ LOUNGE	R-2 ACCS	STATED OCCUPANCY	1,393 SF	50	18	5.6"	36"	8.4"	44"	200' - 0"	291' - 8"
DOG RUN	R-2 ACCS	STATED OCCUPANCY	782 SF	50	4	3.2"	36"	4.8"	44"	200' - 0"	271' - 0"
SUN DECK 1	R-2 ACCS	STATED OCCUPANCY	956 SF	50	10	4.0"	36"	6.0"	44"	200' - 0"	172' - 0"
SUN DECK 2	R-2 ACCS	STATED OCCUPANCY	1,448 SF	50	22	5.8"	36"	8.7"	44"	200' - 0"	172' - 0"
SUN DECK 3	R-2 ACCS	STATED OCCUPANCY	1,580 SF	50	10	6.4"	36"	9.6"	44"	200' - 0"	203' - 0"
					64						
					75	24.9"		37.6"			
TOTAL						27.1"		40.9"			

FIRE SERVICE ELEVATOR NOTES AND COMPLIANCE

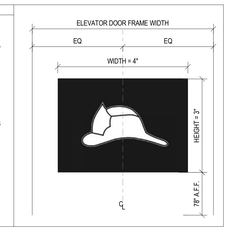
FIRE SERVICE ACCESS ELEVATOR (FSAE) NOTES

1. SPRINKLER SYSTEM SHALL HAVE A SPRINKLER CONTROL VALVE SUPERVISORY SWITCH AND WATERFLOW-INITIATING DEVICE PROVIDED FOR EACH FLOOR THAT IS MONITORED BY THE BUILDING'S FIRE ALARM SYSTEM

2. SPRINKLERS SHALL NOT BE INSTALLED IN ELEVATOR MACHINE ROOMS, MACHINERY SPACES, CONTROL ROOMS, CONTROL SPACES, AND ELEVATOR HOISTWAYS OF FSAE.

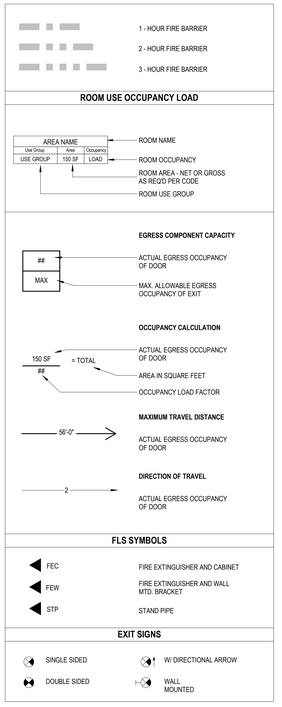
3. WHEN FIREFIGHTERS' EMERGENCY OPERATION IS ACTIVE, THE ENTIRE HEIGHT OF THE HOISTWAY SHALL BE ILLUMINATED AT NOT LESS THAN 1 FOOT-CANDLE (11 LUX) AS MEASURED FROM THE TOP OF THE CAR OF EACH FSAE.

4. A PICTORIAL SYMBOL OF A STANDARDIZED DESIGN DESIGNATING FSAE SHALL BE INSTALLED ON EACH SIDE OF THE HOISTWAY DOOR FRAME ON THE PORTION OF THE FRAME AT RIGHT ANGLES TO THE FIRE SERVICE ACCESS ELEVATOR LOBBY. THE FSAE SYMBOL SHALL BE DESIGNED AS SHOWN:



EGRESS CAPACITY - ROOF (AS PER NYC BC §1005.1)

STAIR	DOOR WIDTH	DOOR OCCUPANCY FACTOR	DOOR CAPACITY	STAIR WIDTH	STAIR OCCUPANCY FACTOR	STAIR CAPACITY
A	36	0.2	180	44	0.3	147
B	36	0.2	180	44	0.3	147
Grand total: 2			360			294



NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

LIFE SAFETY & EGRESS PLANS - ROOF

SCALE: As indicated PAGE:

A-037.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 12:46:08 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

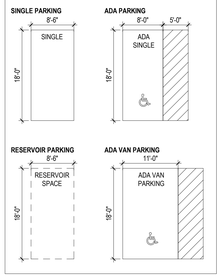
PARKING COUNT	
ADA SINGLE EV CAPABLE	2
ADA VAN PARKING	1
SINGLE	23
SINGLE EV	12
SINGLE EV CAPABLE	22
Total: 60	

PER Z-36-30: 12% OF 258 DWELING UNITS = 31 SPACES REQUIRED

DRAIN LEGEND

AREA DRAIN	AD-1	
TRENCH DRAIN	TD-1	
FLOOR DRAIN	FD-1	

PARKING LEGEND



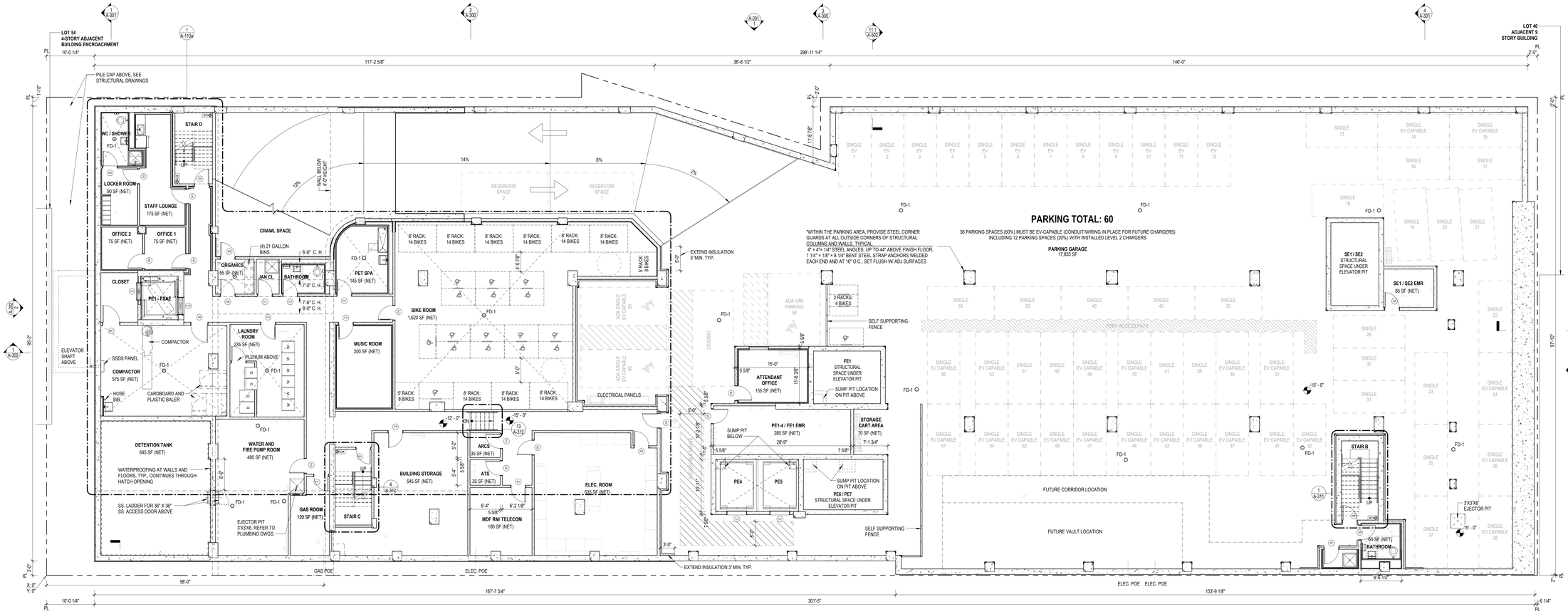
GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

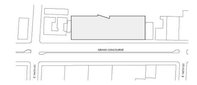
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE. HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



1 CELLAR FLOOR PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

CELLAR FLOOR - OVERALL PLAN

SCALE: As indicated PAGE: 16 OF 75

A-100.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 1:20:09 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

DRAIN LEGEND

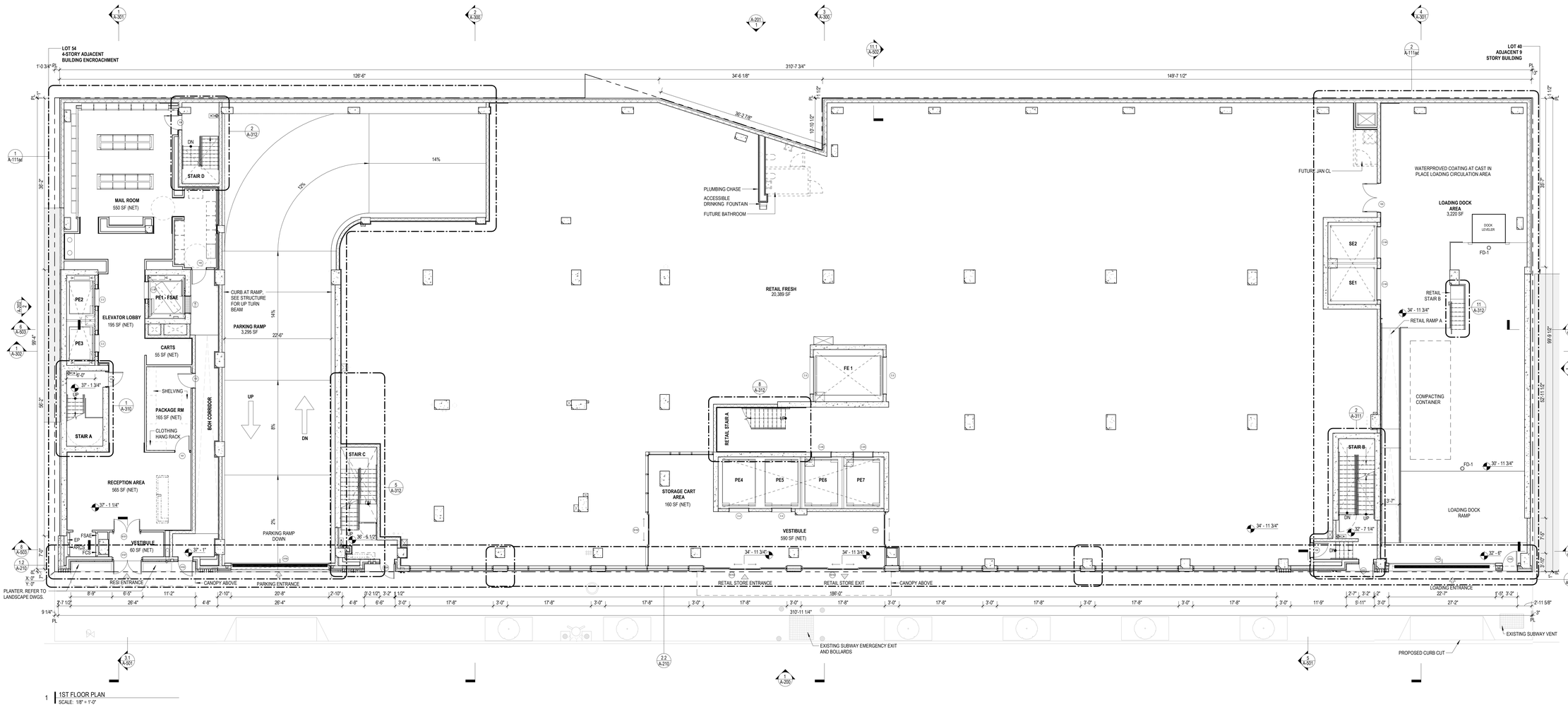
AREA DRAIN	AD-1	⊙ ⊙
TRENCH DRAIN	TD-1	▭
FLOOR DRAIN	FD-1	○

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M03'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

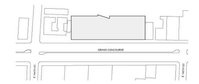
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE, HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



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

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T.212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192591-I1

DRAWING TITLE:

1ST FLOOR - OVERALL PLAN

SCALE: 1/8" = 1'-0" PAGE: 17 OF 75

A-101.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

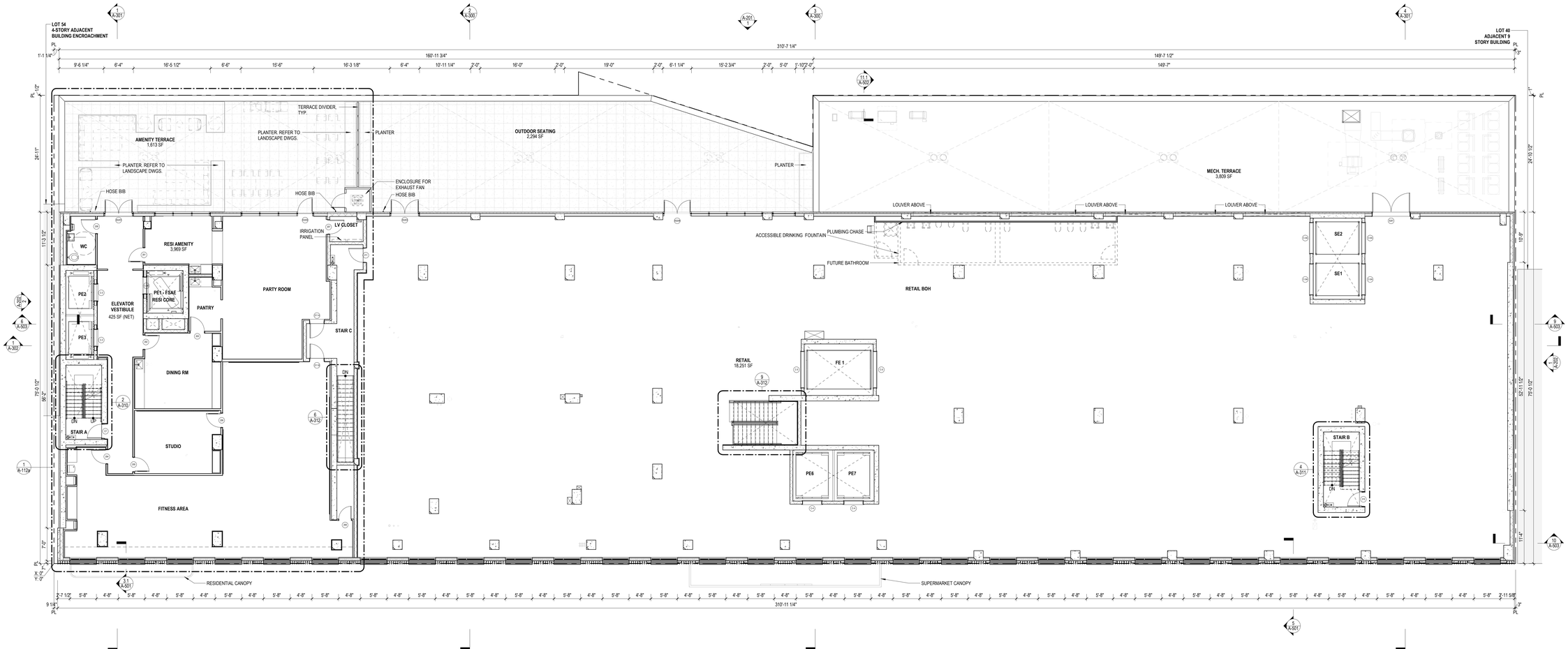
11/10/2025 1:20:10 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

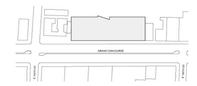
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 2ND FLOOR PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

2ND FLOOR - OVERALL PLAN

SCALE: 1/8" = 1'-0" PAGE: 18 OF 75

A-102.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

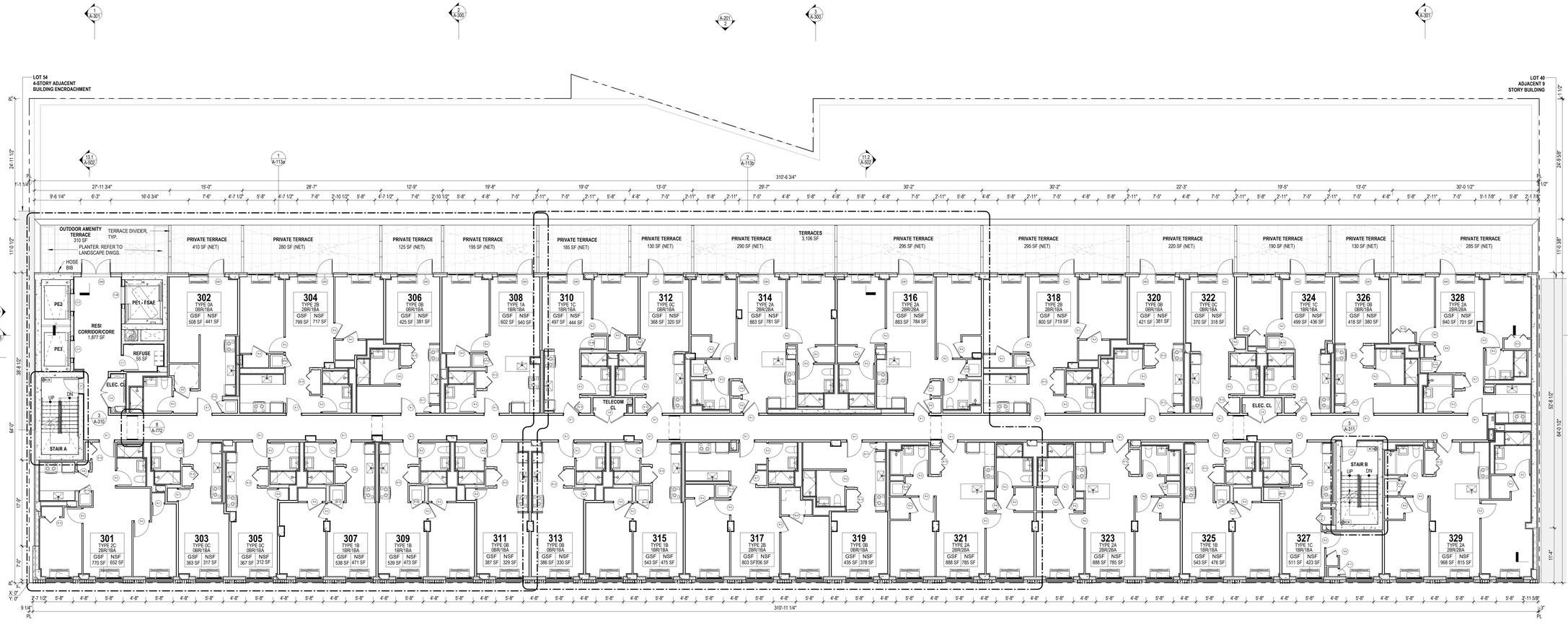
11/10/2025 1:20:12 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

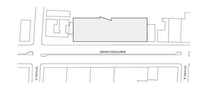
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 3RD - 6TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

3RD-6TH FLOOR - OVERALL PLAN

SCALE: 1/8" = 1'-0" PAGE: 19 OF 75

A-103.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

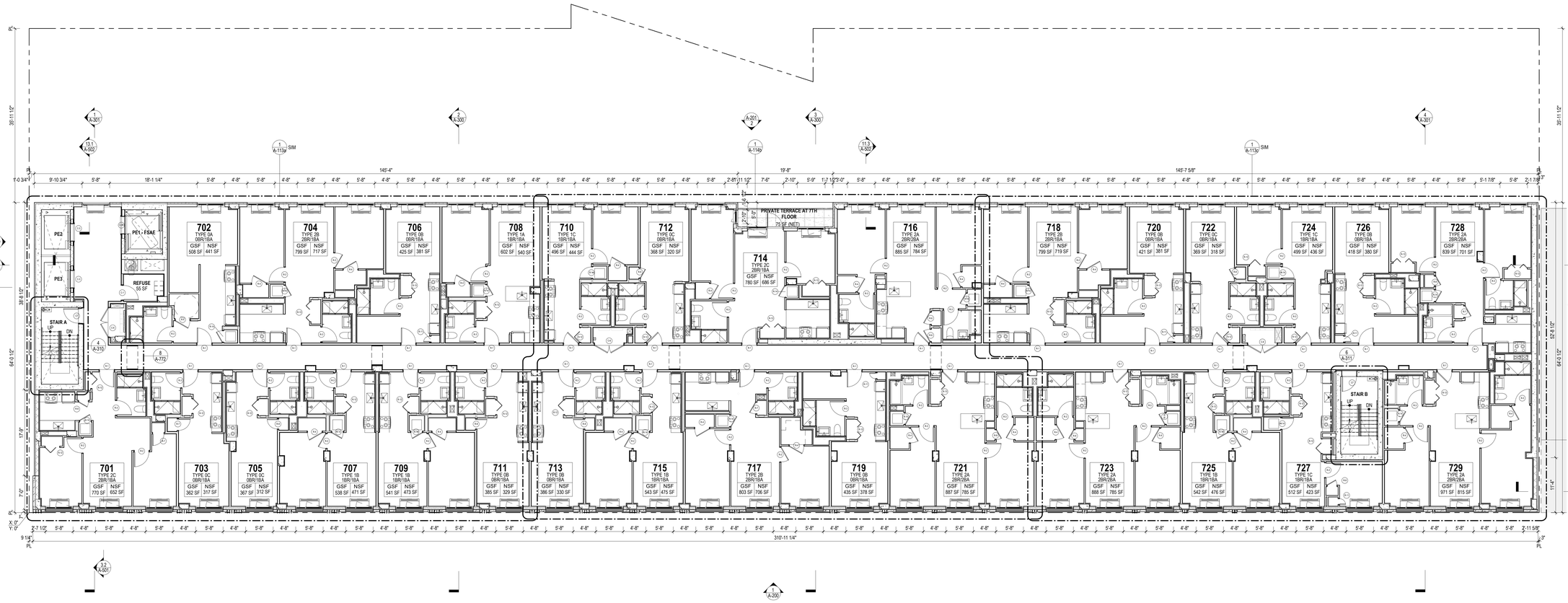
11/10/2025 1:20:14 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

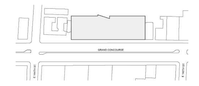
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 FLOOR PLAN - 7TH - 9TH FLOOR
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

7TH-9TH FLOOR - OVERALL PLAN

SCALE: 1/8" = 1'-0" PAGE: 19 OF 75

A-104.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

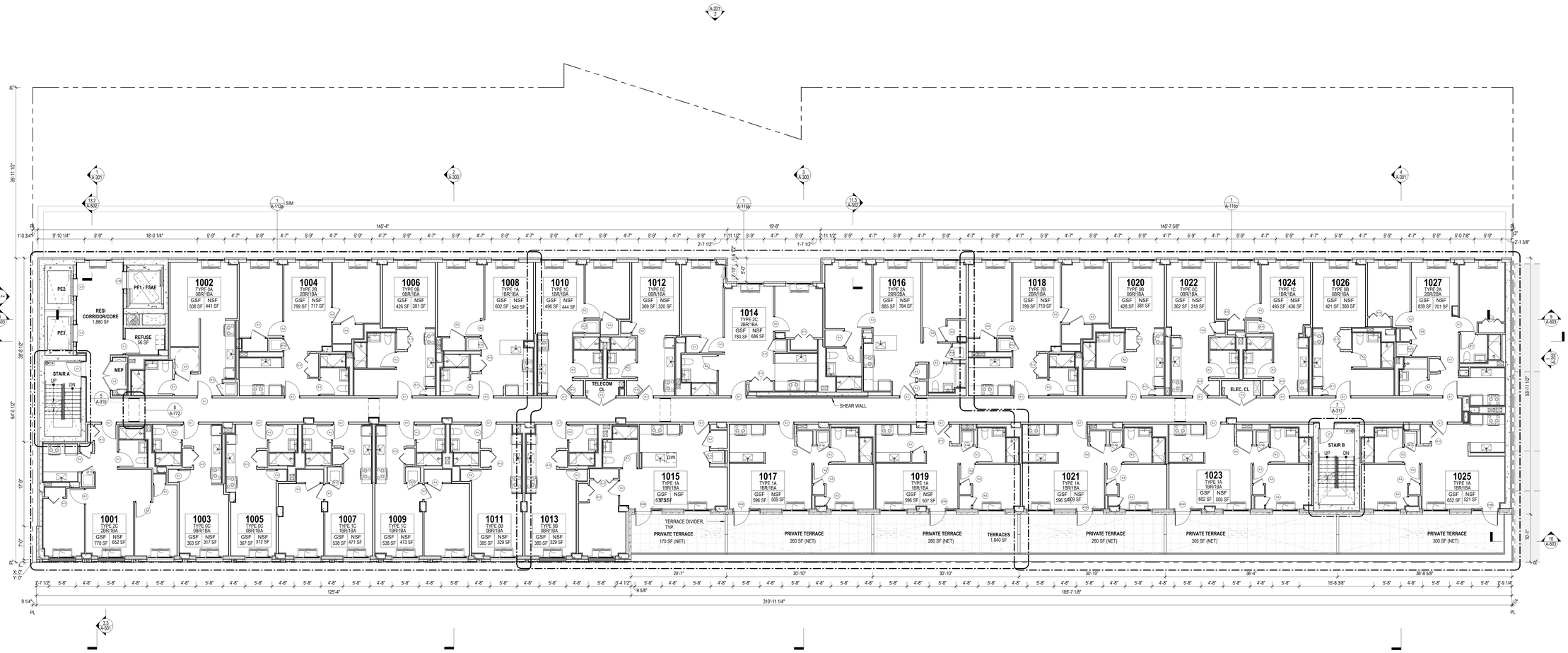
11/10/2025 1:29:16 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

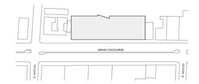
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 10TH - 11TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

10TH-11TH FLOOR - OVERALL PLAN

SCALE: 1/8" = 1'-0" PAGE: 20 OF 75

A-105.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

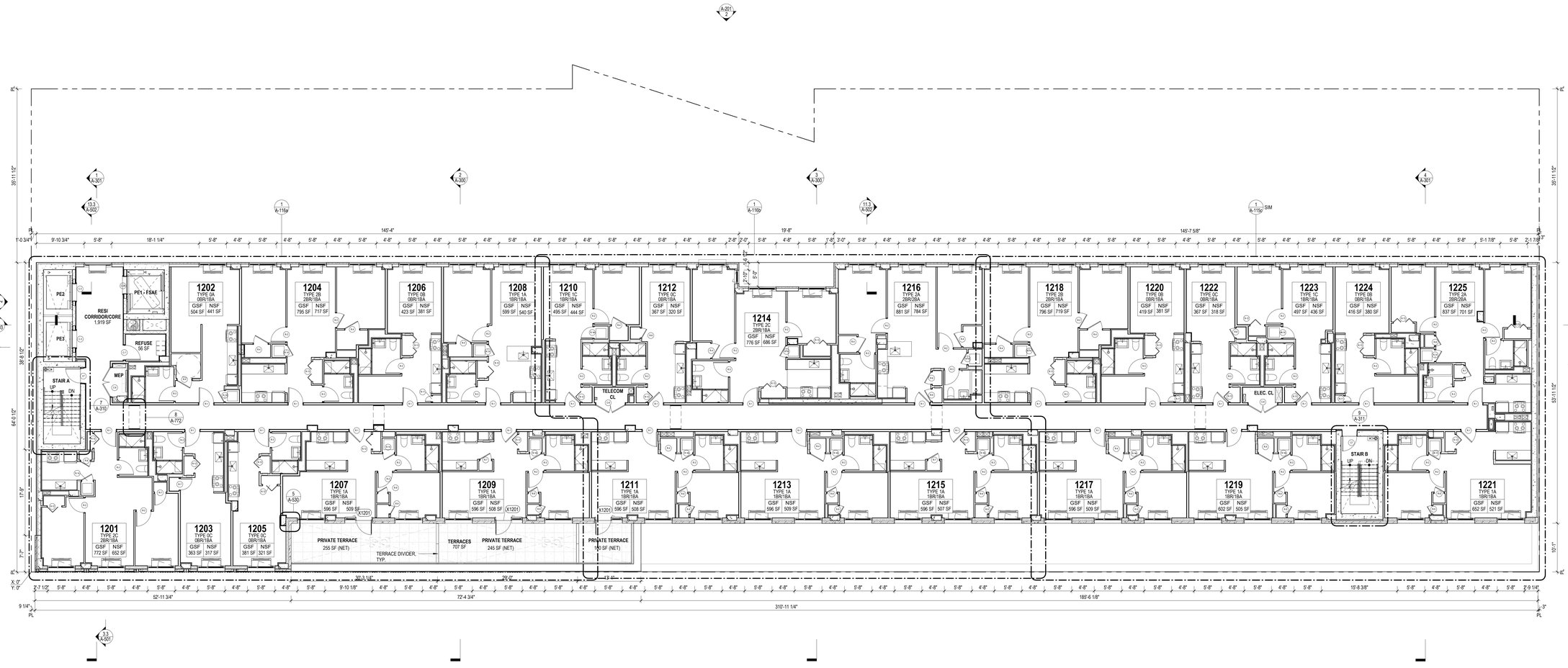
11/10/2025 1:29:17 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

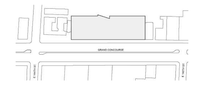
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 12TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

12TH FLOOR - OVERALL PLAN

SCALE: 1/8" = 1'-0" PAGE: 21 OF 75

A-106.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

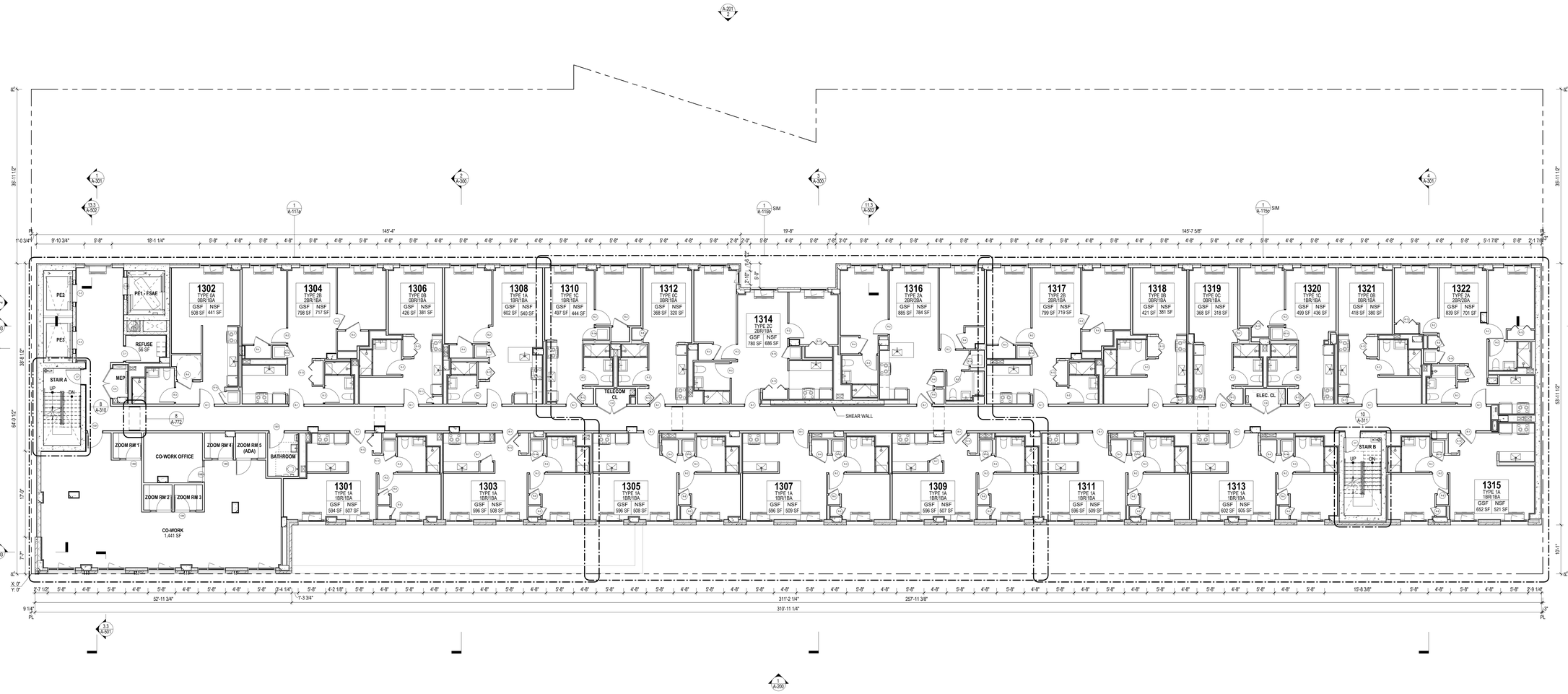
11/10/2025 1:20:18 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M03'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

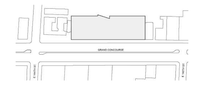
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 PENTHOUSE FLOOR PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

PENTHOUSE FLOOR - OVERALL PLAN

SCALE: 1/8" = 1'-0" PAGE: 22 OF 75

A-107.00

DOB SCAN STICKER

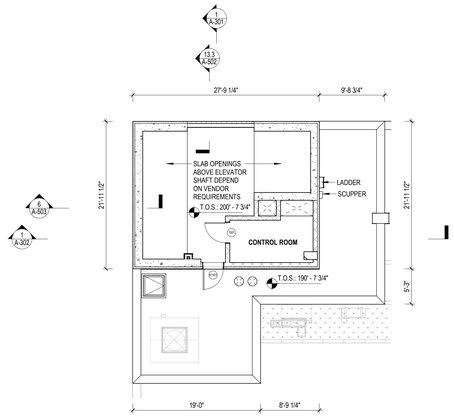
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

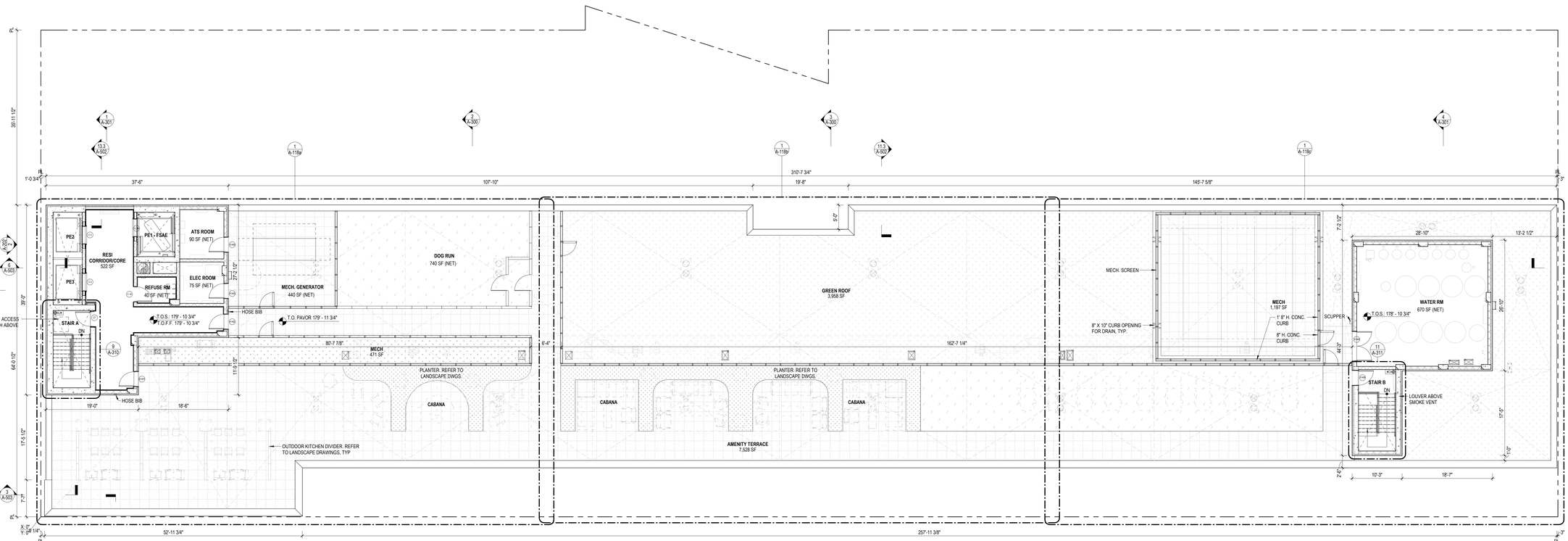
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 1:20:20 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



2 BULKHEAD PLAN
SCALE: 1/8" = 1'-0"



1 ROOF PLAN
SCALE: 1/8" = 1'-0"

G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET
NO.	DATE	ISSUANCES / REVISIONS

GENERAL NOTES:

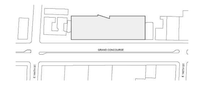
1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM
4. 5 POUNDS MAXIMUM OPERATING FORCE, HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.

ROOF LEGEND:

PAVER	PLANK
TURF	PLANTERS
SEDUM	



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ROOF FLOOR - OVERALL PLAN

SCALE: As indicated PAGE: 23 OF 75

A-108.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

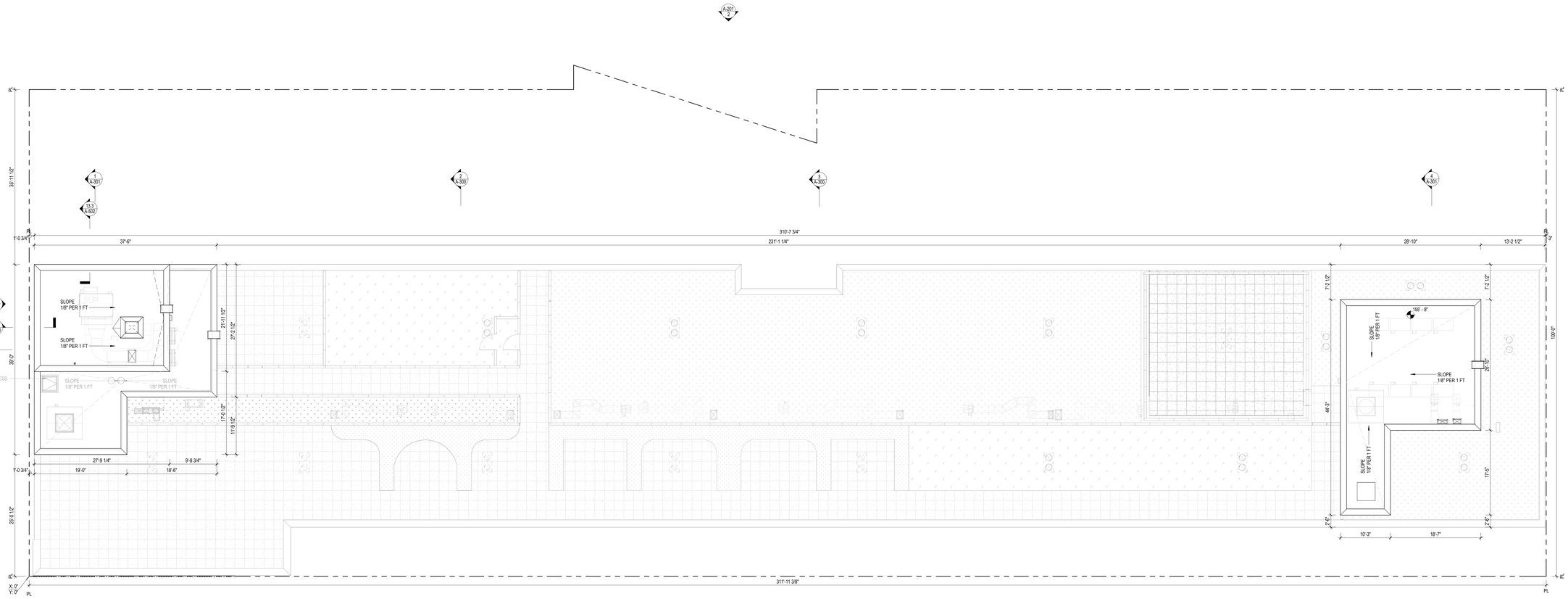
11/10/2025 1:24:55 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS.
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC., OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

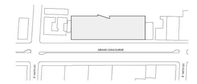
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE. HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 BULKHEAD ROOF PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY. 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

BULKHEAD FLOOR - OVERALL PLAN

SCALE: 1/8" = 1'-0" PAGE: 24 OF 75

A-109.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 1:23:33 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

DRAIN LEGEND

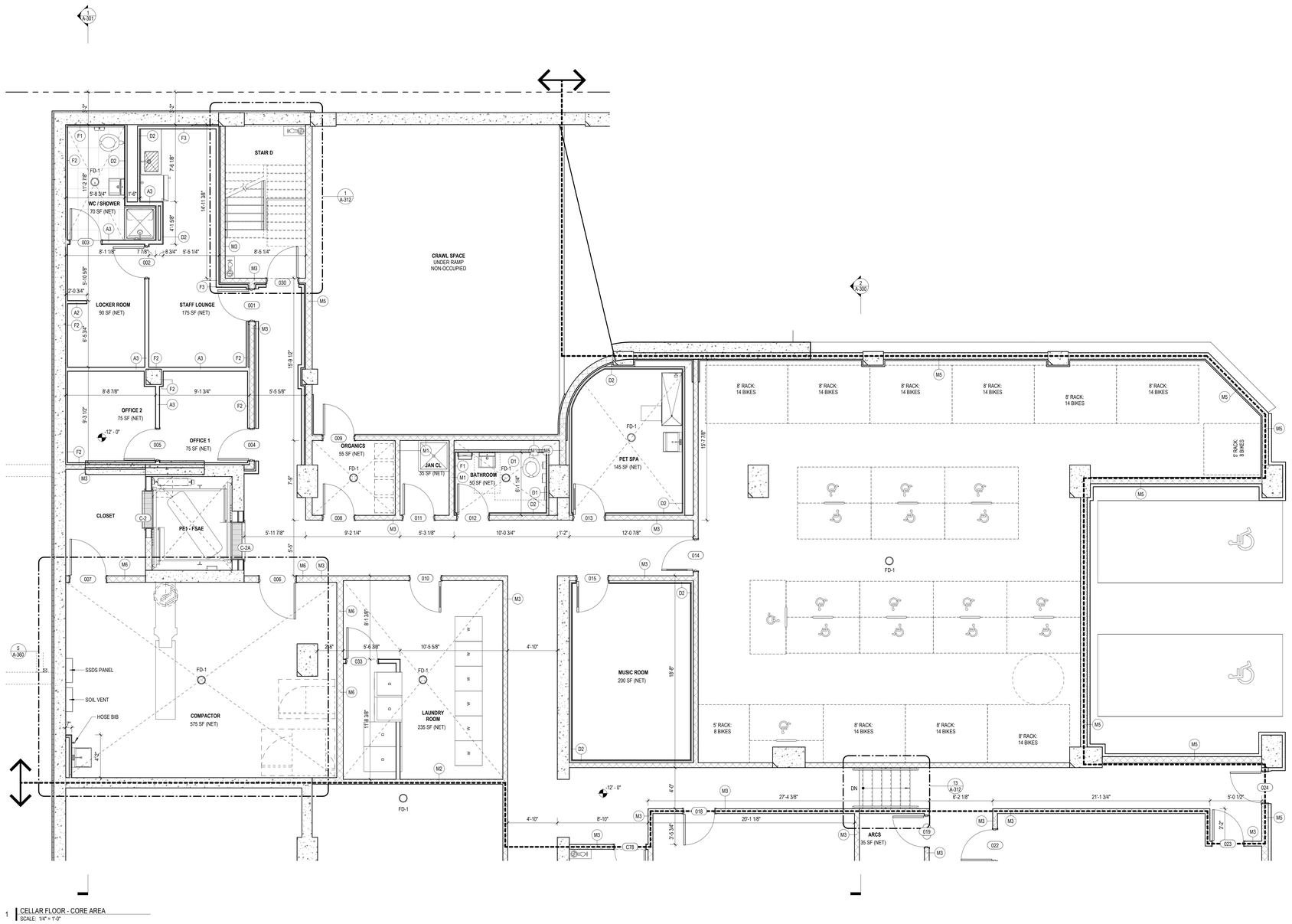
AREA DRAIN	AD-1	⊕ ⊖
TRENCH DRAIN	TD-1	▭
FLOOR DRAIN	FD-1	○

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M03'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

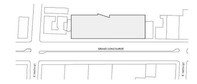
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM
4. 5 POUNDS MAXIMUM OPERATING FORCE, HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 CELLAR FLOOR - CORE AREA
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T.212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

CELLAR FLOOR - ENLARGED CELLAR PLAN

SCALE: As indicated PAGE: 16 OF 75

A-110a.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 5:01:43 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

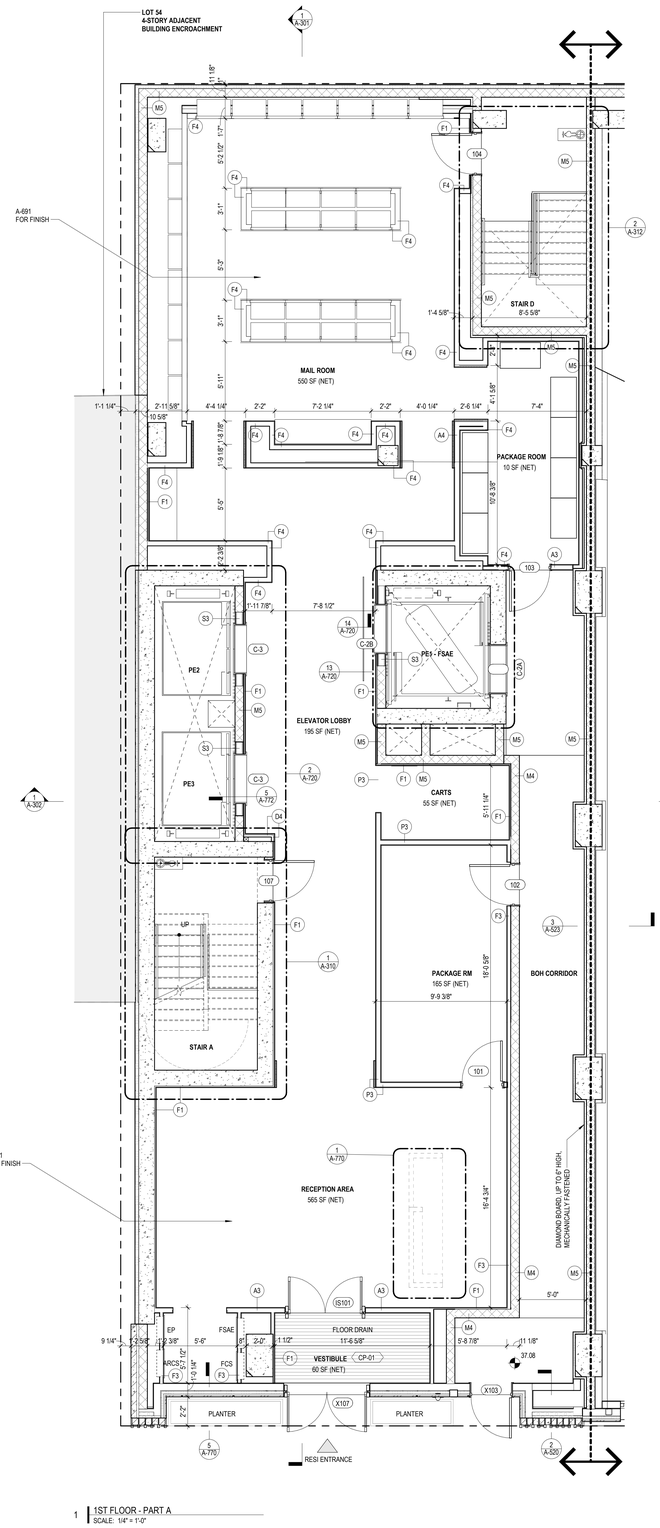
DRAIN LEGEND		
AREA DRAIN	AD-1	
TRENCH DRAIN	TD-1	
FLOOR DRAIN	FD-1	

GENERAL NOTES:

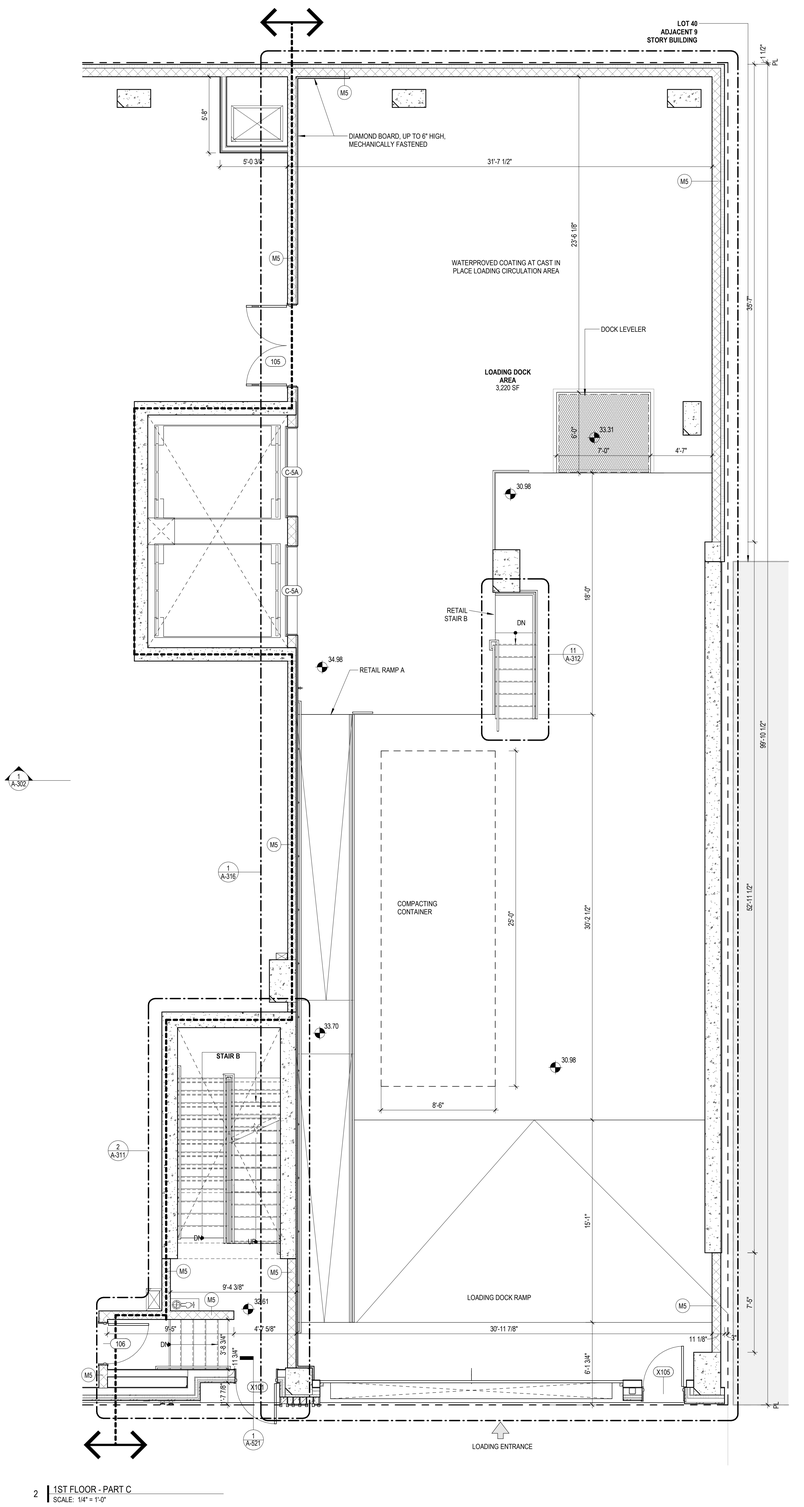
1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M03'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM
4. 5 POUNDS MAXIMUM OPERATING FORCE, HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.

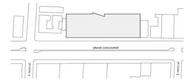


1 1ST FLOOR - PART A
SCALE: 1/4" = 1'-0"



2 1ST FLOOR - PART C
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T.212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

1ST FLOOR - PARTIAL PLAN A + C

SCALE: As indicated PAGE: 17 OF 75

A-111ac.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 5:15:18 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

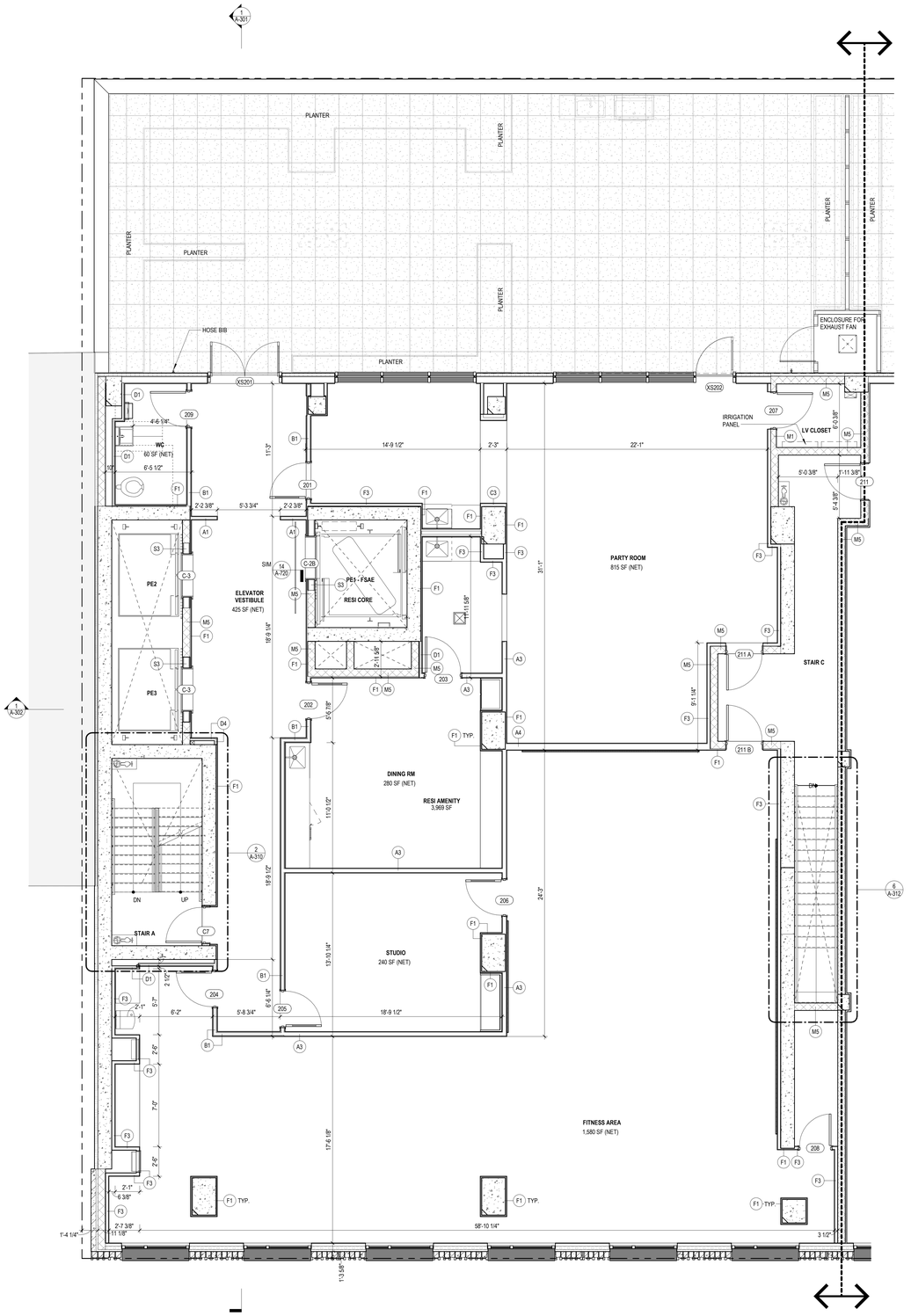
DRAIN LEGEND		
AREA DRAIN	AD-1	
TRENCH DRAIN	TD-1	
FLOOR DRAIN	FD-1	

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

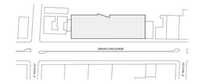
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 2ND FLOOR - PART A
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

2ND FLOOR - PARTIAL PLAN A

SCALE: As indicated PAGE: 18 OF 75

A-112a.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 5:15:21 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

DRAIN LEGEND

AREA DRAIN	AD-1	⊙ ⊙
TRENCH DRAIN	TD-1	▭
FLOOR DRAIN	FD-1	○

GENERAL NOTES:

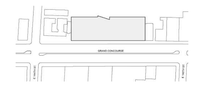
1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.

1 3RD-9TH FLOOR - PART A
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

3RD-6TH FLOOR - PARTIAL PLAN A

SCALE: As indicated PAGE: 19 OF 75

A-113a.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 5:15:25 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

DRAIN LEGEND

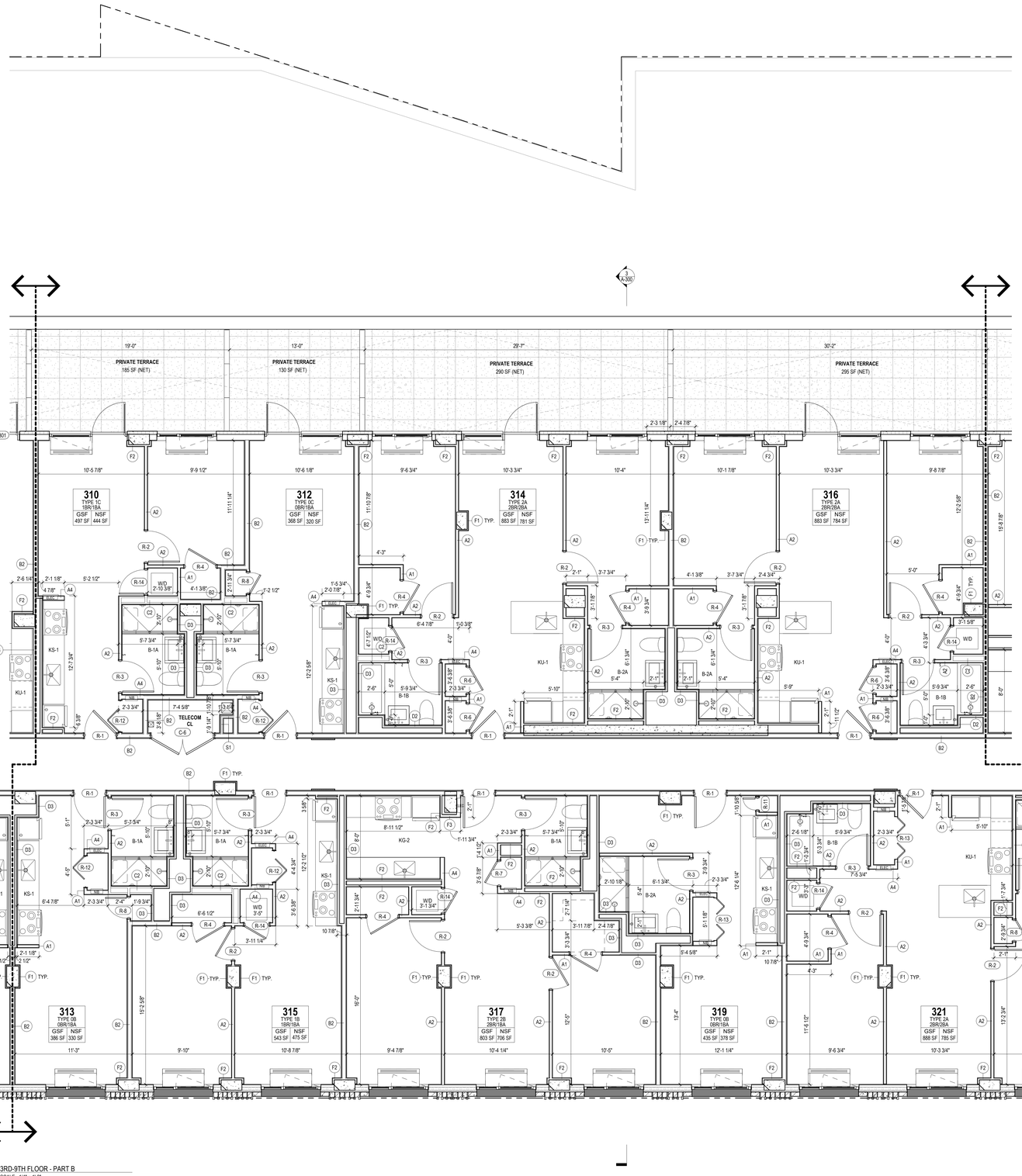
AREA DRAIN	AD-1	⊙ ⊙
TRENCH DRAIN	TD-1	▭
FLOOR DRAIN	FD-1	○

GENERAL NOTES:

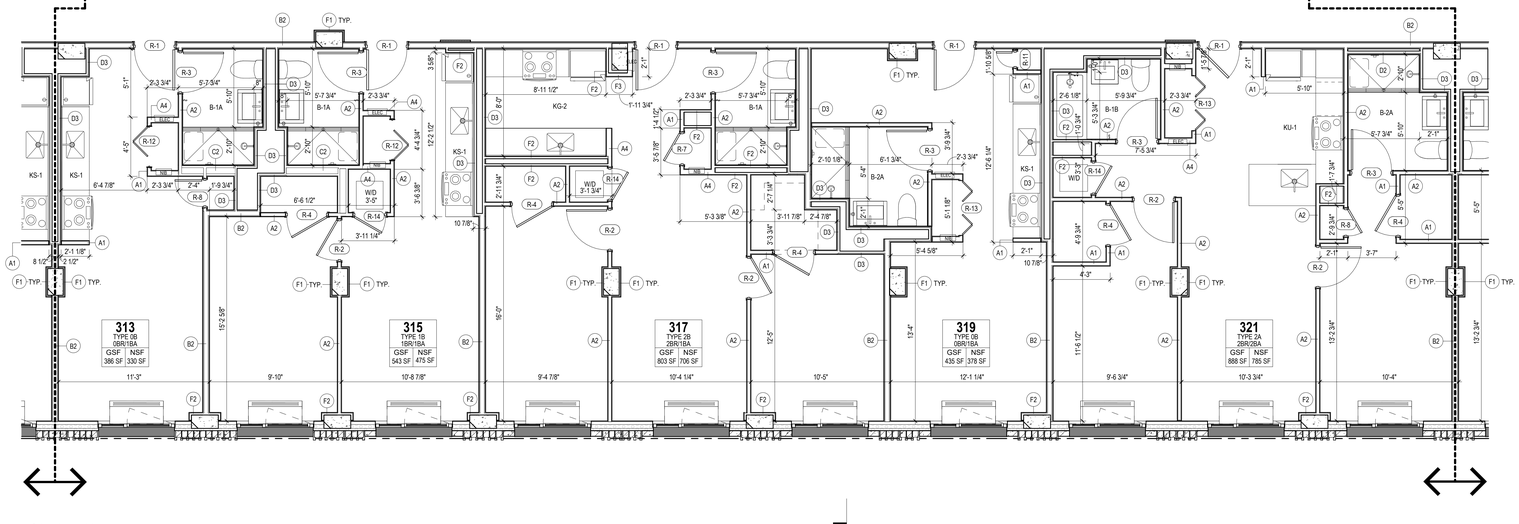
1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

TRASH CHUTE NOTES:

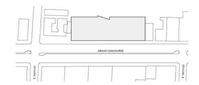
1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 3RD-9TH FLOOR - PART B
SCALE: 1/4" = 1'-0"



NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

3RD-6TH FLOOR - PARTIAL PLAN B

SCALE: As indicated PAGE: 19 OF 75

A-113b.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 5:02:01 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

DRAIN LEGEND

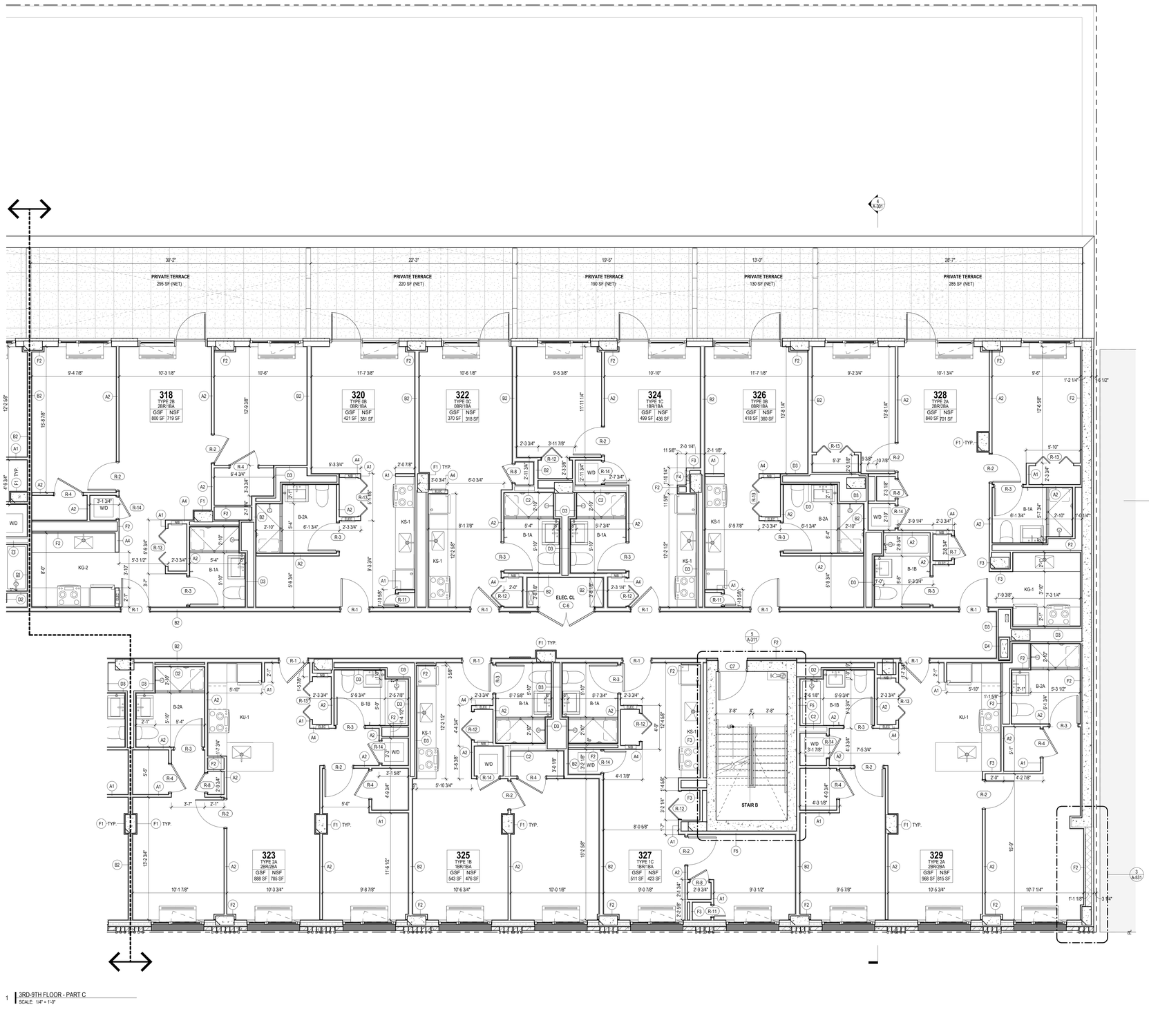
AREA DRAIN	AD-1	
TRENCH DRAIN	TD-1	
FLOOR DRAIN	FD-1	

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

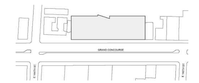
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 3RD-9TH FLOOR - PART C
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

3RD-6TH FLOOR - PARTIAL PLAN C

SCALE: As indicated PAGE: 19 OF 75

A-113c.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 5:02:05 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

DRAIN LEGEND

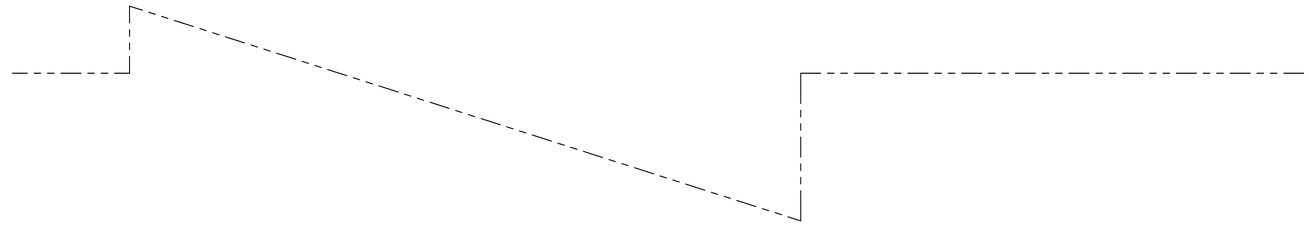
AREA DRAIN	AD-1	⊙ ⊙
TRENCH DRAIN	TD-1	▭
FLOOR DRAIN	FD-1	○

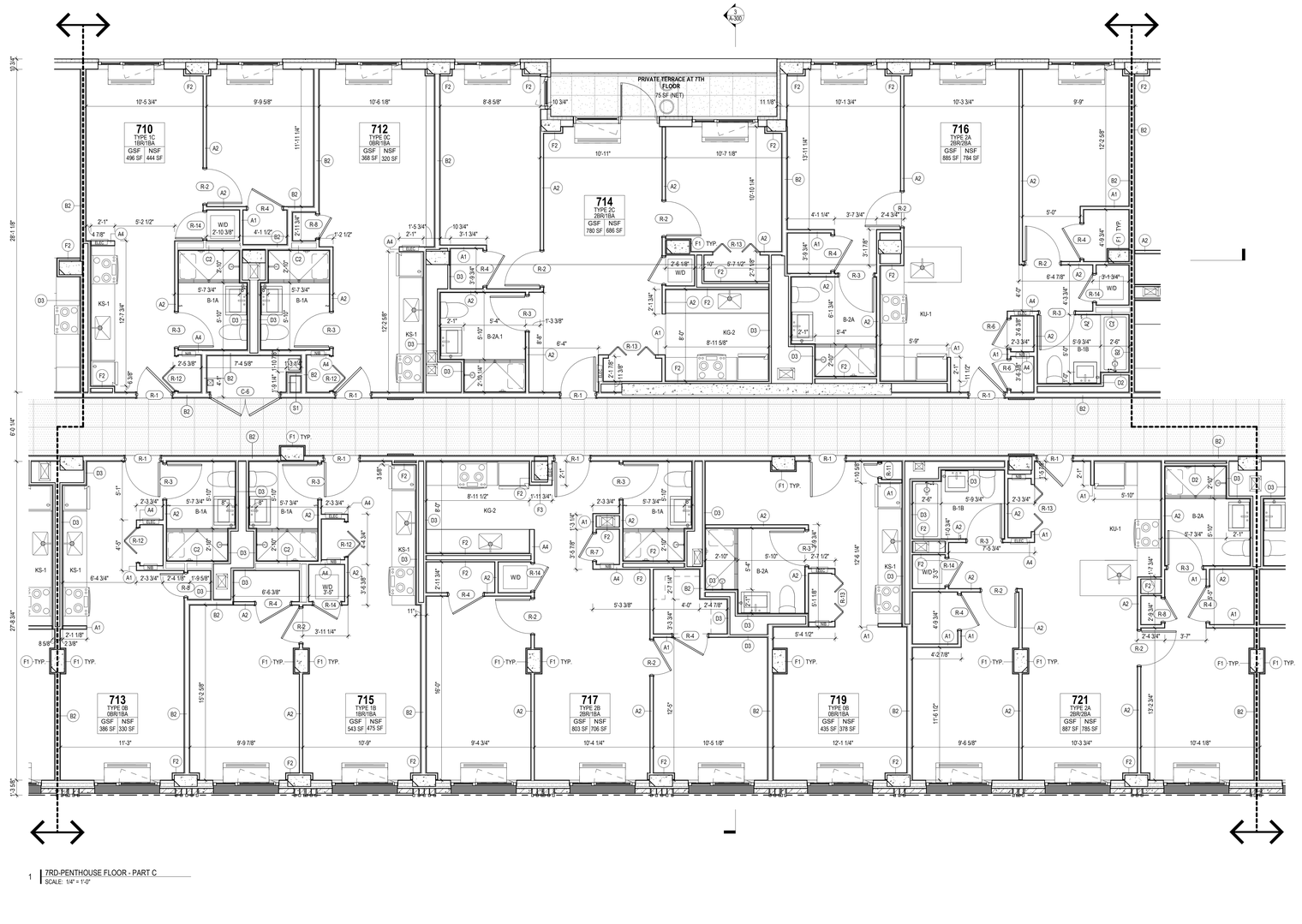
GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

TRASH CHUTE NOTES:

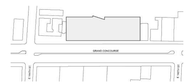
1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.





1 7RD-PENTHOUSE FLOOR - PART C
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

7TH-9TH FLOOR - PARTIAL PLAN B

SCALE: As indicated PAGE: 19 OF 75

A-114b.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 5:02:11 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

DRAIN LEGEND

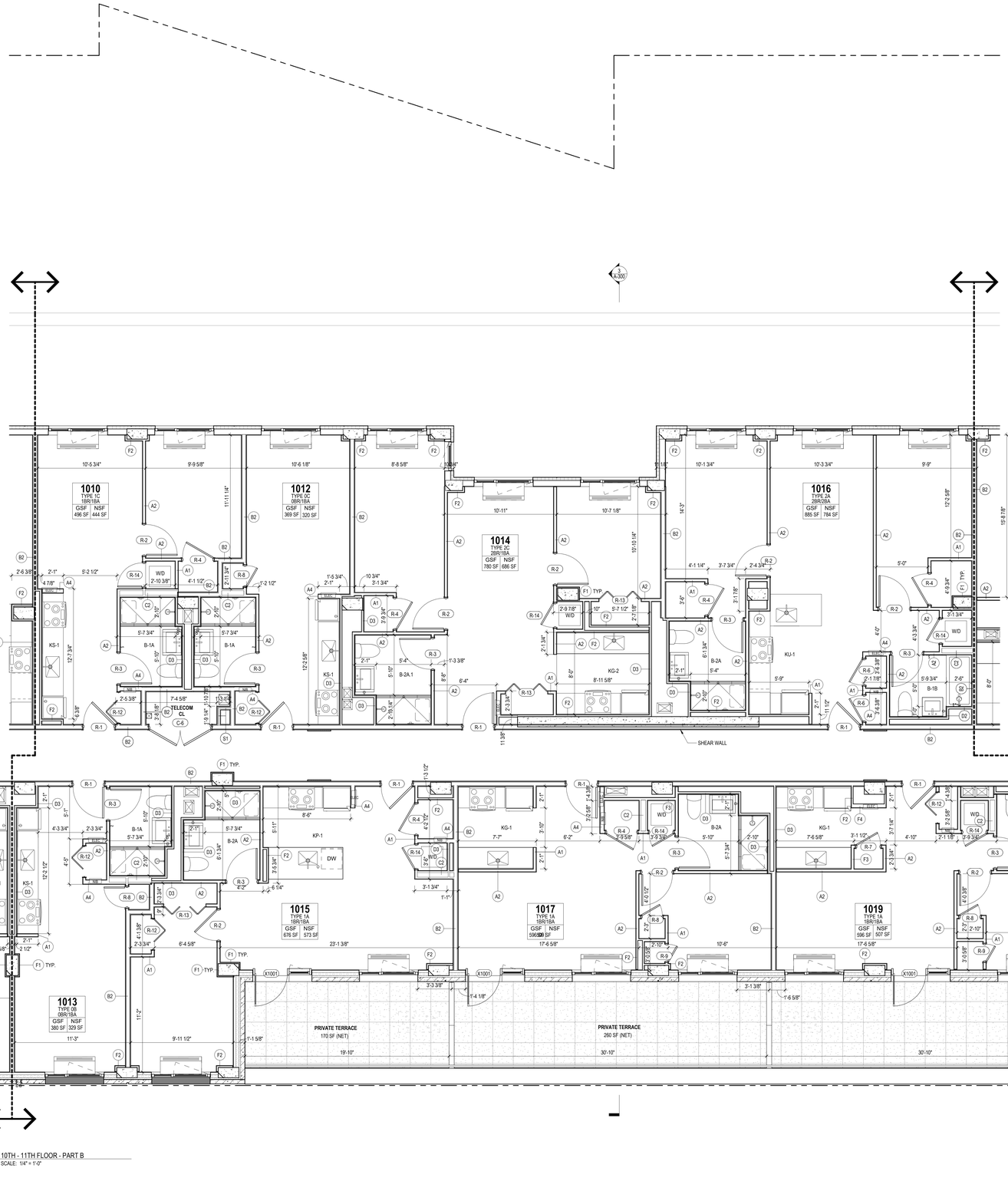
AREA DRAIN	AD-1	⊙ ⊙
TRENCH DRAIN	TD-1	▭
FLOOR DRAIN	FD-1	○

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

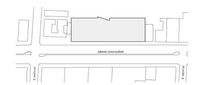
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE, HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 10TH - 11TH FLOOR - PART B
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

10TH-11TH FLOOR - PARTIAL PLAN B

SCALE: As indicated PAGE: 20 OF 75

A-115b.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 5:02:17 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

DRAIN LEGEND

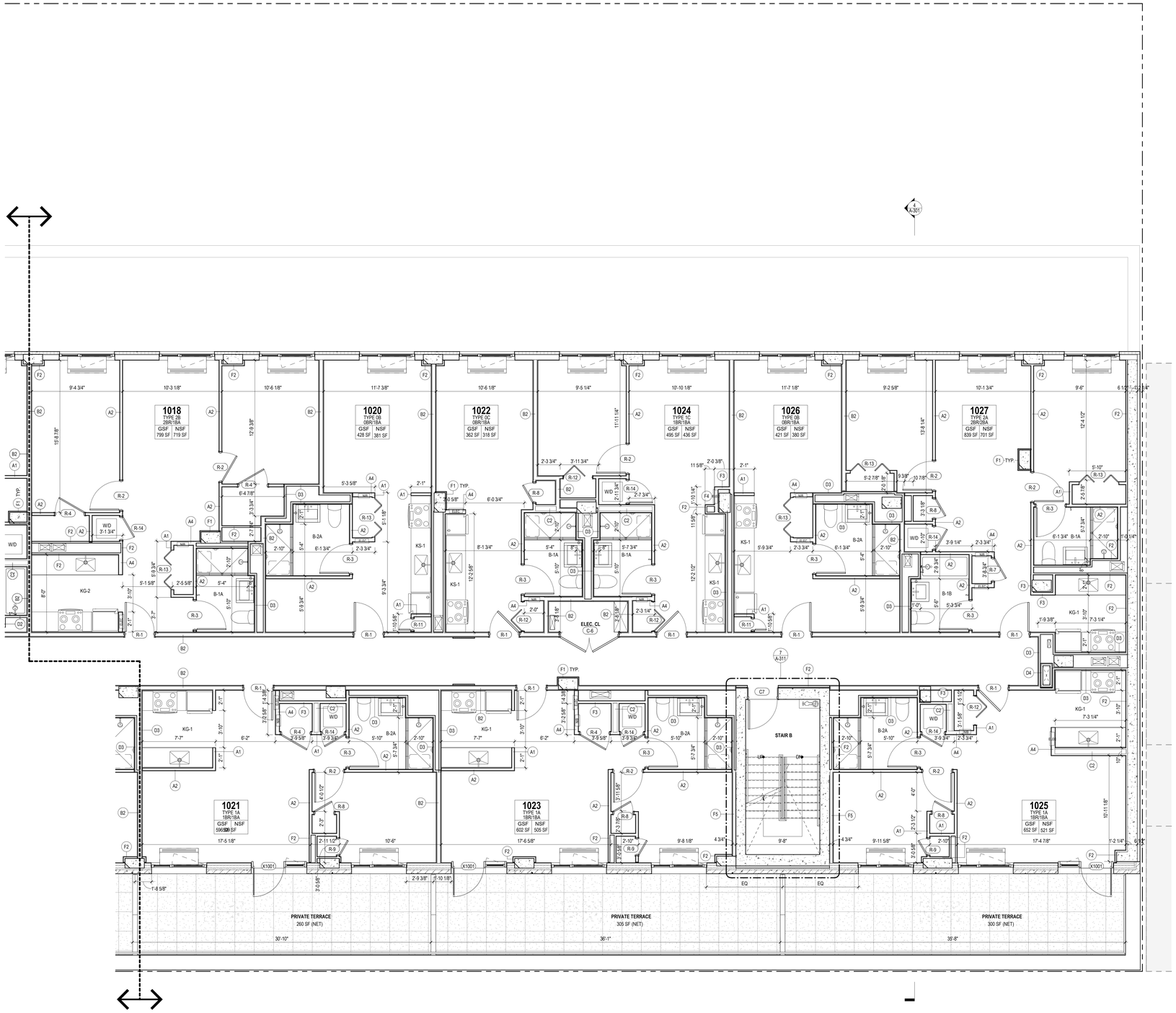
AREA DRAIN	AD-1	⊙ ⊙
TRENCH DRAIN	TD-1	▭
FLOOR DRAIN	FD-1	○

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

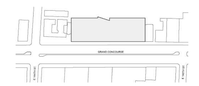
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 10TH - 11TH FLOOR - PART C
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

10TH-11TH FLOOR - PARTIAL PLAN C

SCALE: As indicated PAGE: 20 OF 75

A-115c.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 5:02:21 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

DRAIN LEGEND

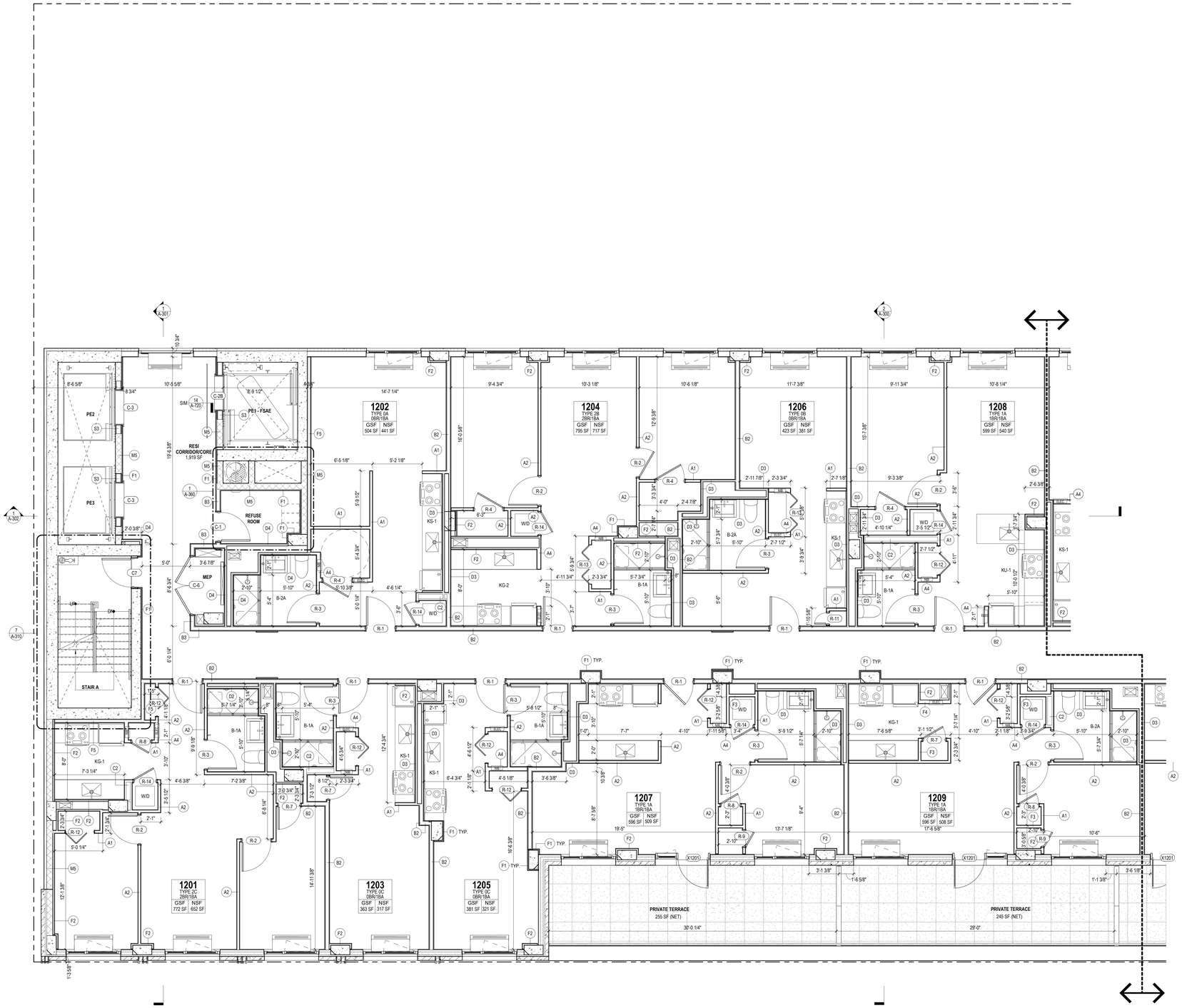
AREA DRAIN	AD-1	
TRENCH DRAIN	TD-1	
FLOOR DRAIN	FD-1	

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETALS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

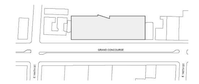
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 12TH FLOOR - PART A
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:
350 GRAND CONCOURSE
350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:
12TH FLOOR - PARTIAL PLAN A

SCALE: As indicated PAGE:21 OF 75

A-116a.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

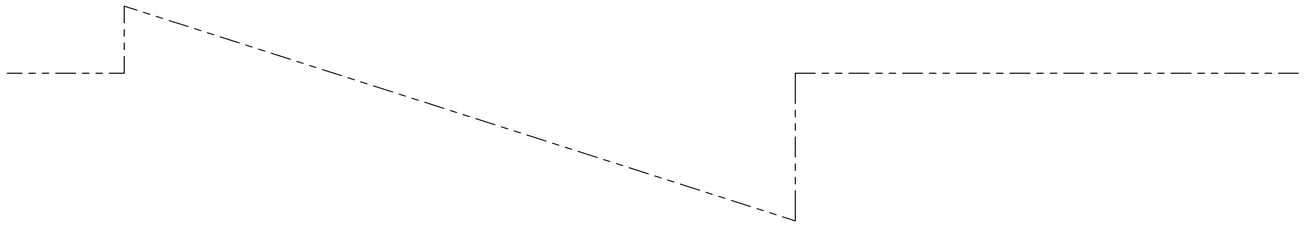
11/10/2025 5:02:27 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

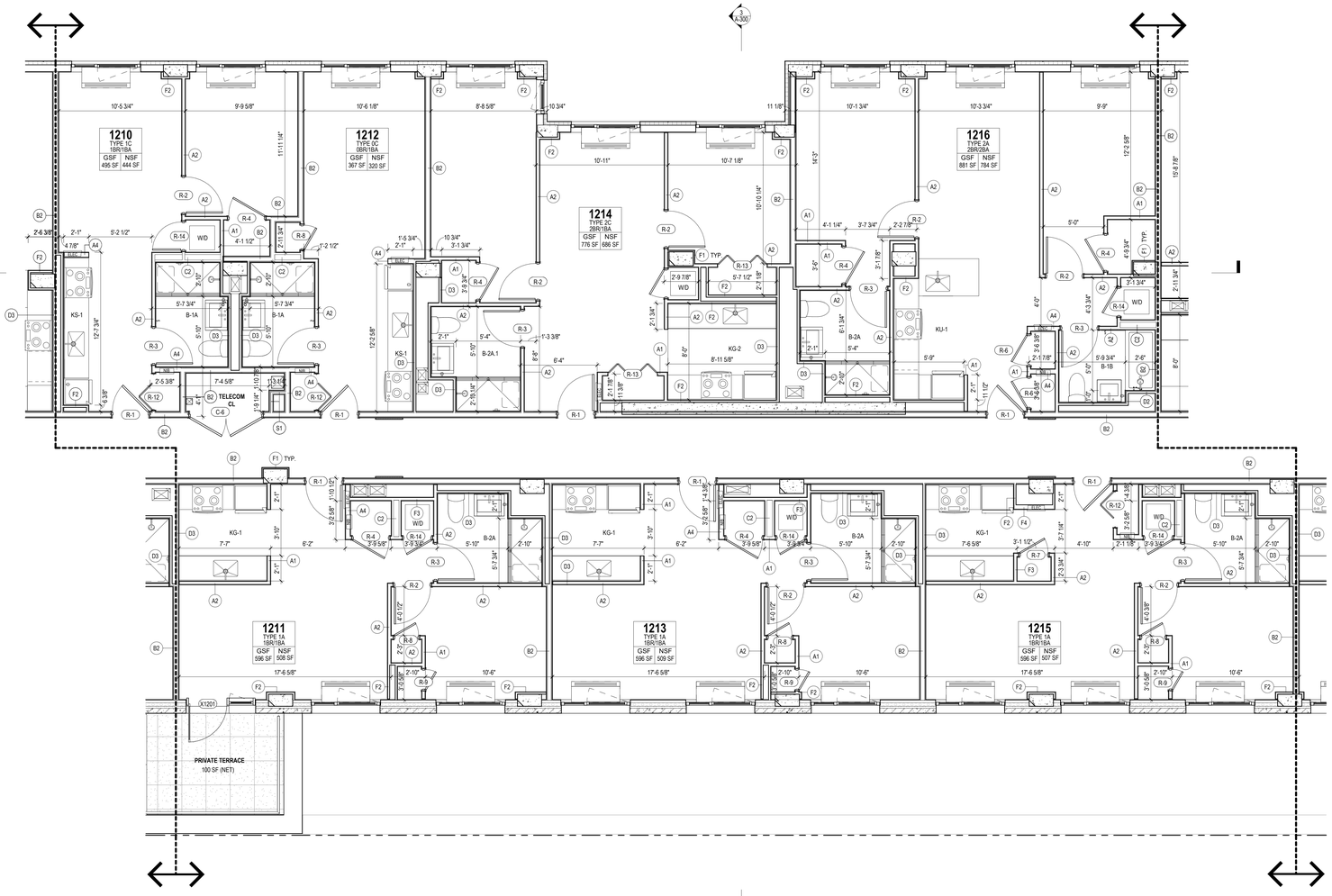
GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

TRASH CHUTE NOTES:

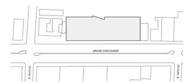
1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE, HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.





1 12TH FLOOR - PART B
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

12TH FLOOR - PARTIAL PLAN B

SCALE: As indicated PAGE: 21 OF 75

A-116b.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

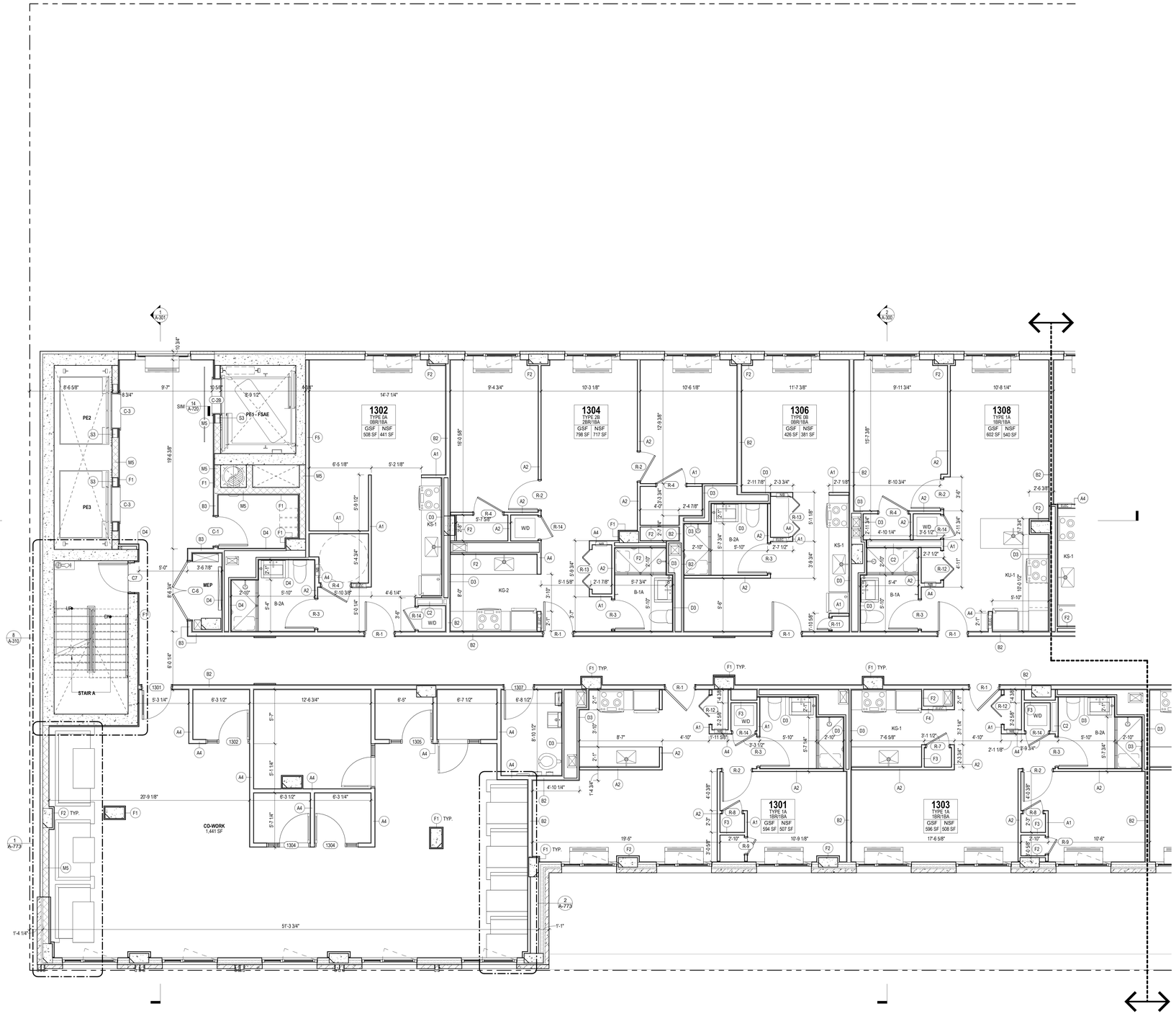
11/10/2025 5:02:33 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 PENTHOUSE FLOOR - PART A
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

PENTHOUSE FLOOR - PARTIAL PLAN A

SCALE: As indicated PAGE: 22 OF 75

A-117a.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 5:16:29 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

ROOF LEGEND:

PAVER
PLANK
TURF
PLANTERS
SEDUM

DRAIN LEGEND

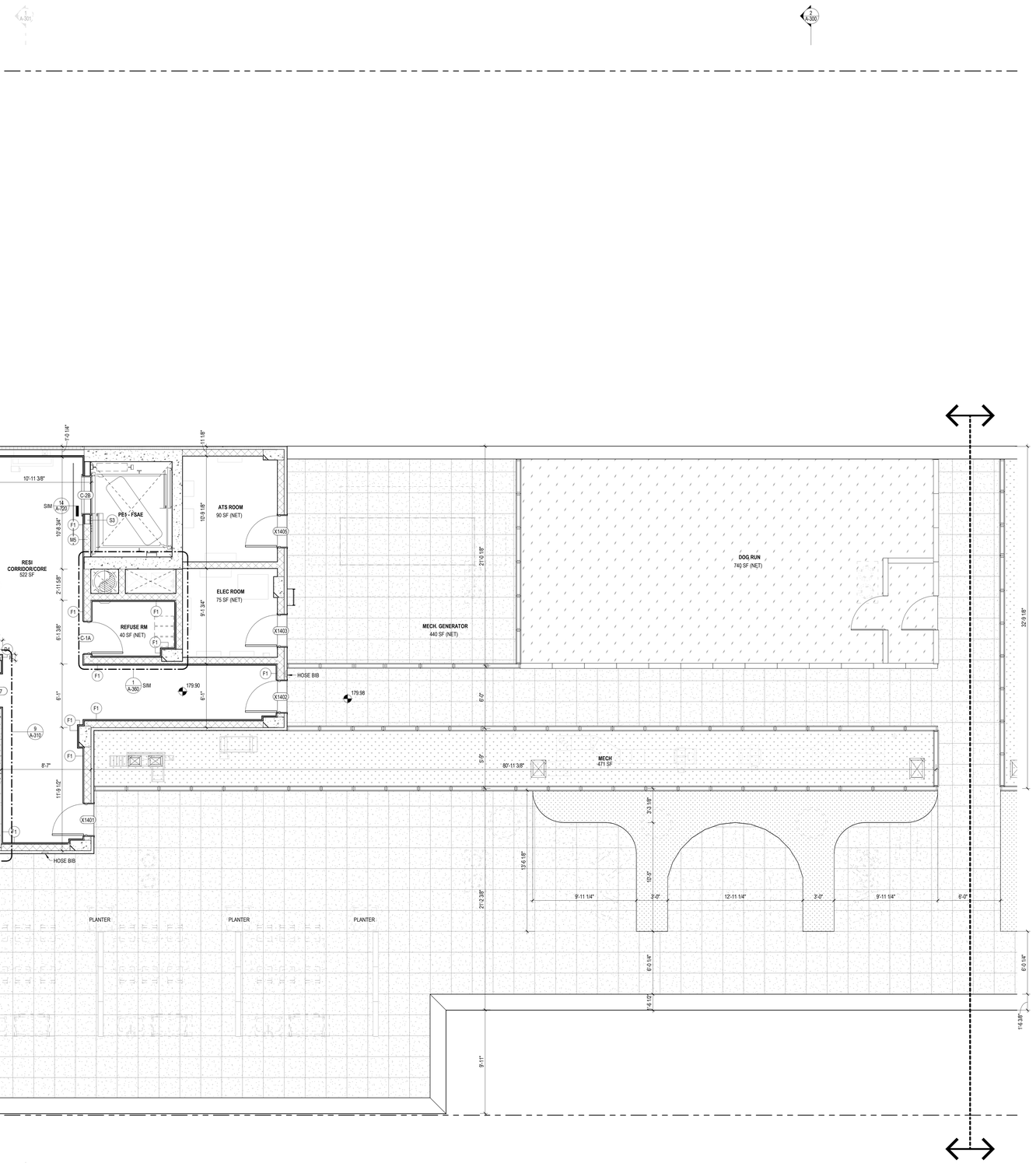
AREA DRAIN	AD-1	
TRENCH DRAIN	TD-1	
FLOOR DRAIN	FD-1	

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 ROOF PLAN - PART A
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY. 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ROOF FLOOR - PARTIAL PLAN A

SCALE: As indicated PAGE: 23 OF 75

A-118a.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 5:15:31 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

ROOF LEGEND:

PAVER
PLANK
TURF
PLANTERS
SEDUM

DRAIN LEGEND

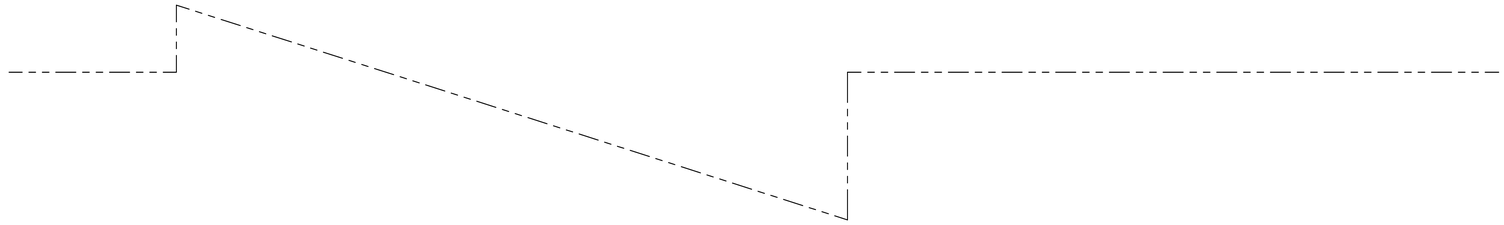
AREA DRAIN	AD-1	
TRENCH DRAIN	TD-1	
FLOOR DRAIN	FD-1	

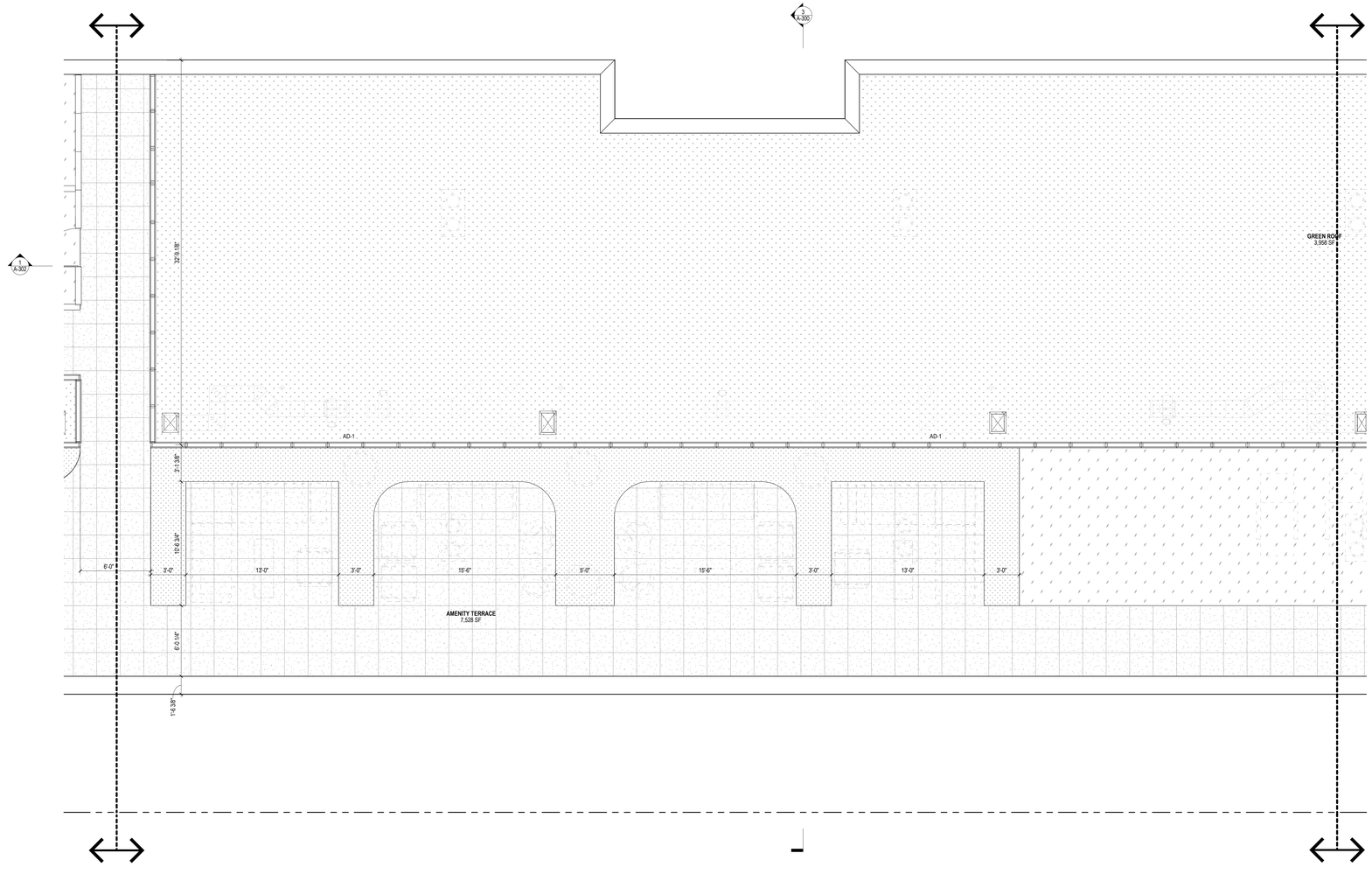
GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

TRASH CHUTE NOTES:

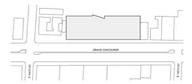
1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE, HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.





1 ROOF PLAN - PART B
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ROOF FLOOR - PARTIAL PLAN B

SCALE: As indicated PAGE: 23 OF 75

A-118b.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 5:15:33 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

ROOF LEGEND:

PAVER
PLANK
TURF
PLANTERS
SEDUM

DRAIN LEGEND

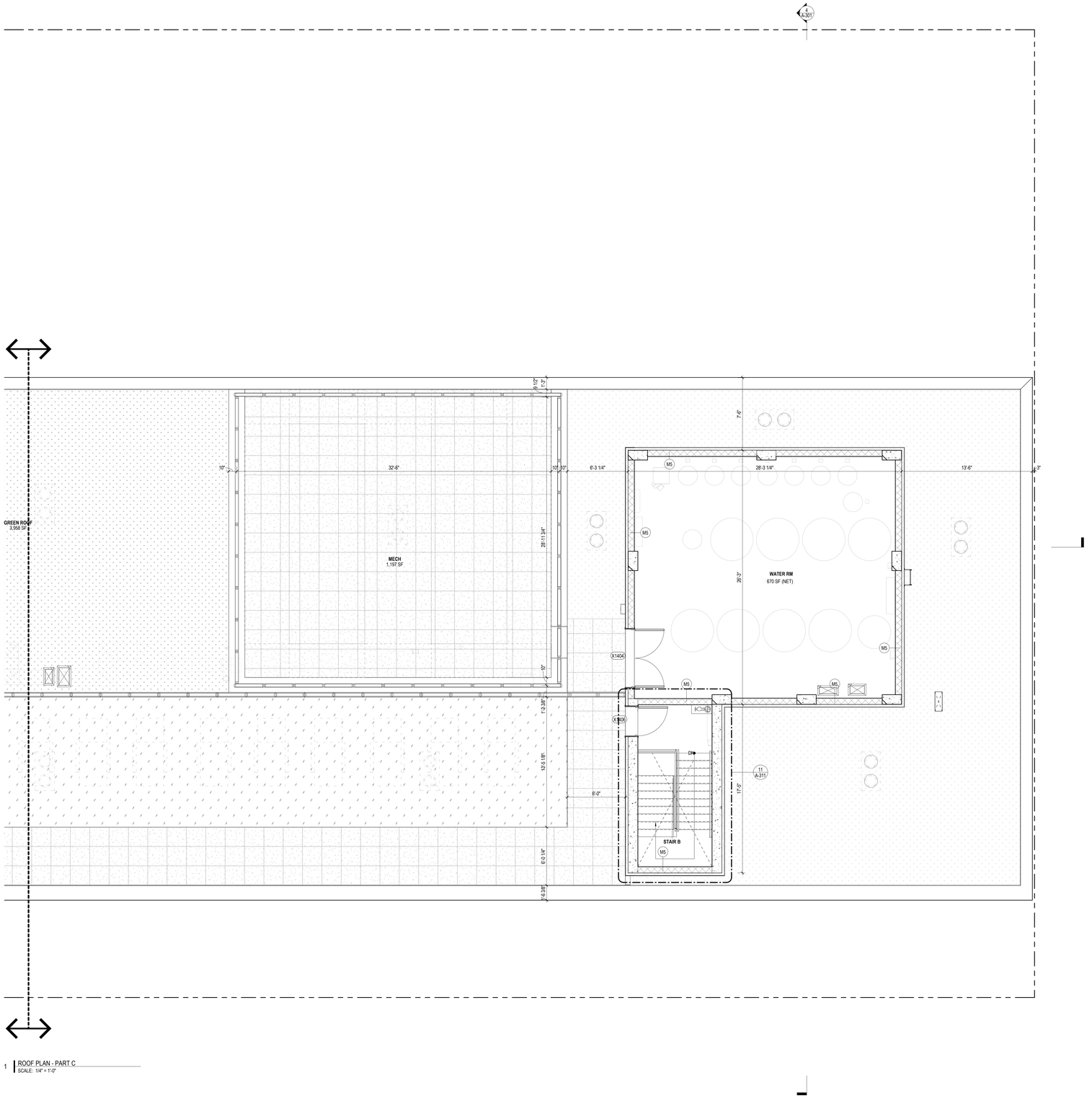
AREA DRAIN	AD-1	
TRENCH DRAIN	TD-1	
FLOOR DRAIN	FD-1	

GENERAL NOTES:

1. FOR DOOR TYPES AND DETAILS, SEE DWG A601 SERIES
2. FOR INTERIOR PARTITION TYPES SEE DWG. A600 SERIES
3. ALL ELEVATIONS ON PLANS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
4. U.O.N., INTERIOR DIMENSIONS ARE MEASURED TO CENTERLINE OF PARTITIONS & FACE OF OUTERMOST GWB AT FURRING & SHAFT WALLS.
5. FOR STAIR DETAILS SEE DWG A350 - A358
6. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS
7. TYPICAL INTERIOR PARTITION NOTES:
   a. DRYWALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE A01' U.O.N.
   b. CHASE WALL PARTITIONS WITHIN APTS. TO BE OF 'TYPE K01' U.O.N.
   c. DRYWALL PARTITIONS BETWEEN TWO APTS. TO BE MIN. 1-HR RATED 'TYPE B01' U.O.N.
   d. FURRING AROUND COLUMNS TO BE 'TYPE F01' U.O.N.
   e. CHASE WALL PARTITIONS BETWEEN TWO APTS TO BE MIN. 1 HR. RATED 'TYPE L01' U.O.N.
   f. DRYWALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE B02' U.O.N.
   g. CHASE WALL PARTITIONS BETWEEN APTS. AND STAIRS, ELECTRICAL CLOSETS, ETC. OR BETWEEN APTS. AND CORRIDOR TO BE 2-HR RATED 'TYPE L02' U.O.N.
   h. EXHAUST & SUPPLY DUCT RISERS TO BE ENCLOSED IN CONTINUOUS 2-HR RATED SHAFT WALL 'TYPE S01' U.O.N.
   i. PARTITIONS BETWEEN SHAFTS AND CORRIDOR OR ELEVATOR HOISTWAY TO BE 2-HR RATED 'TYPE M02'
   j. TRASH CHUTE TO BE ENCLOSED IN CONTINUOUS 2-HR RATED WALL 'TYPE M01'
8. PROVIDE 3/4" THICK FIRE RETARDANT PLYWOOD FASTENED TO FINISHED PARTITION FOR ATTACHMENT OF TELECOM PANELS AND EQUIPMENT
9. SEE MEP DRAWINGS FOR LOCATIONS OF ELECTRICAL, TELECOM RISERS AND EQUIPMENT.

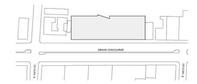
TRASH CHUTE NOTES:

1. THE **2014 NYC** CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE; HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



1 ROOF PLAN - PART C
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY. 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ROOF FLOOR - PARTIAL PLAN C

SCALE: As indicated PAGE: 23 OF 75

A-118c.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

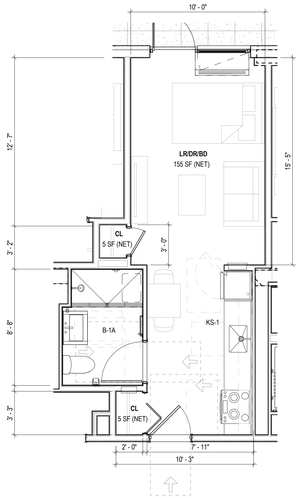
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 5:15:35 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

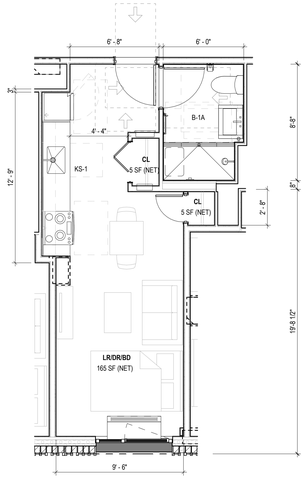
	AP-1 - STUDIO & SMALL 1BD UNITS	AP-2 - LARGE 1BD & 2BD UNITS
REF	24"	30"
RANGE	30"	30"
DW	18"	24"
SINK CABINET	30"	30"

GENERAL NOTES:

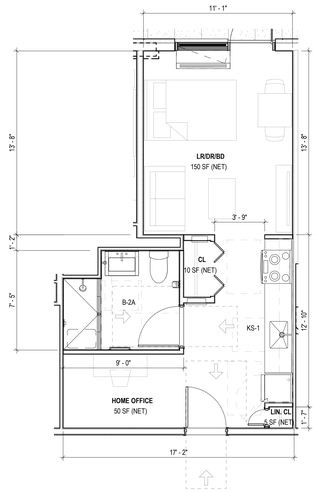
LOCATION OF COLUMNS AND ASSOCIATED FURRING WALLS SHOWN AS DASHED LINES VARIES THROUGHOUT. SEE OVERALL PLANS.



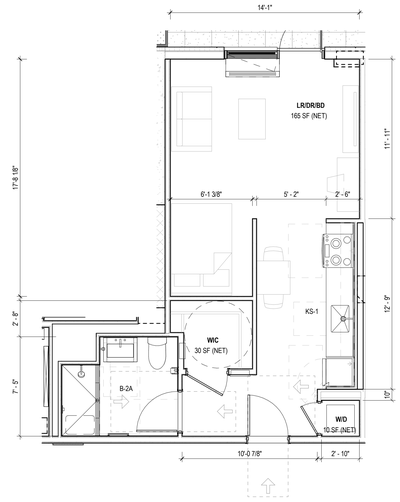
4 UNIT PLAN - TYPE 0C.1
SCALE: 1/4" = 1'-0"



3 UNIT PLAN - TYPE 0B.2
SCALE: 1/4" = 1'-0"

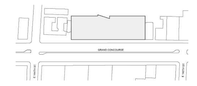


2 UNIT PLAN - TYPE 0B.1
SCALE: 1/4" = 1'-0"



1 UNIT PLAN - TYPE 0A.1
SCALE: 1/4" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENLARGED UNIT PLAN 0BD

SCALE: As indicated PAGE: 25 OF 75

A-130.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 1:00:03 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

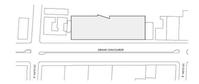
7 UNIT PLAN - TYPE 1C.2
SCALE: 1/4" = 1'-0"

	AP-1 - STUDIO & SMALL 1BD UNITS	AP-2 - LARGE 1BD & 2BD UNITS
REF	24"	30"
RANGE	30"	30"
DW	18"	24"
SINK CABINET	30"	30"

GENERAL NOTES:

LOCATION OF COLUMNS AND ASSOCIATED FURRING WALLS SHOWN AS DASHED LINES VARIES THROUGHOUT. SEE OVERALL PLANS.

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

ENLARGED UNIT PLAN 1BD

SCALE: As indicated PAGE: 26 OF 75

A-131.00

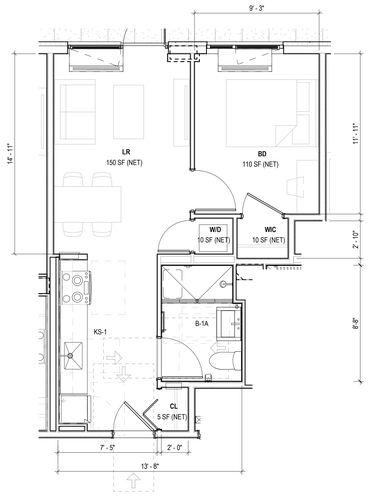
DOB SCAN STICKER

SEAL

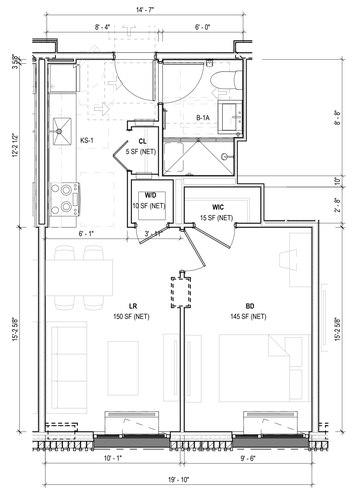
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

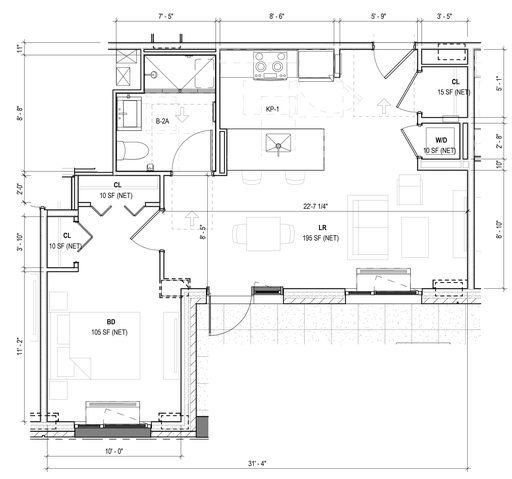
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC



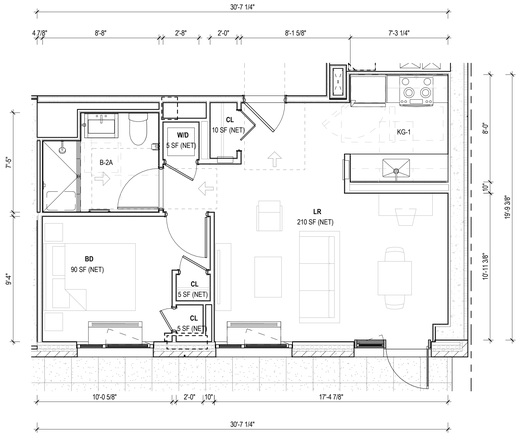
6 UNIT PLAN - TYPE 1C.1
SCALE: 1/4" = 1'-0"



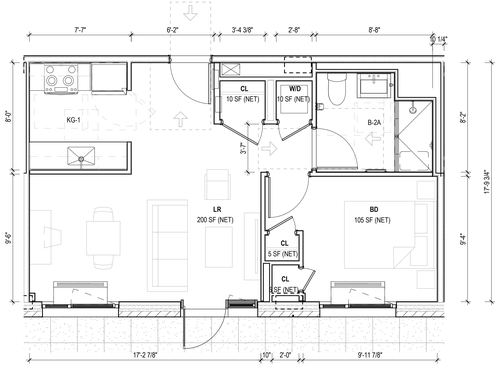
5 UNIT PLAN - TYPE 1B.1
SCALE: 1/4" = 1'-0"



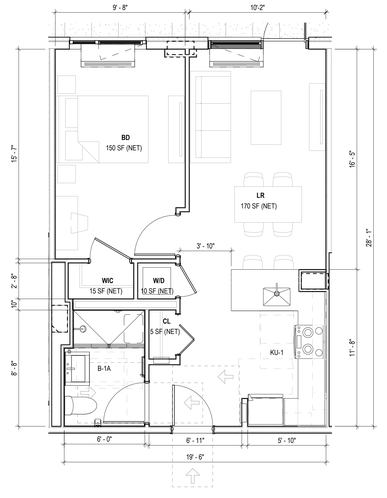
4 UNIT PLAN - TYPE 1A.3
SCALE: 1/4" = 1'-0"



3 UNIT PLAN - TYPE 1A.2.1
SCALE: 1/4" = 1'-0"



2 UNIT PLAN - TYPE 1A.2
SCALE: 1/4" = 1'-0"



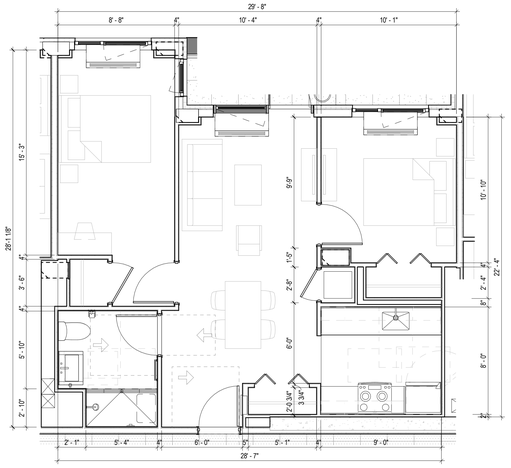
1 UNIT PLAN - TYPE 1A.1
SCALE: 1/4" = 1'-0"

11/10/2025 1:55:09 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

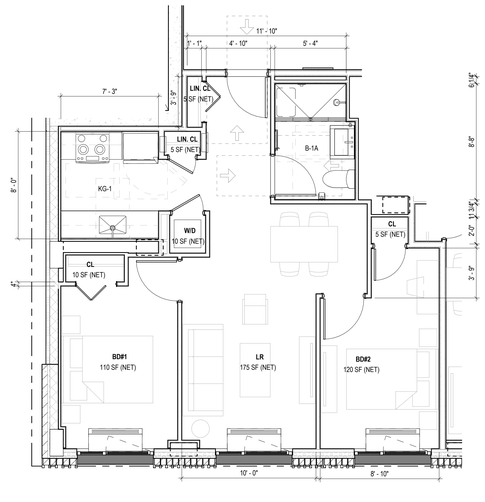
	AP-1 - STUDIO & SMALL 1BD UNITS	AP-2 - LARGE 1BD & 2BD UNITS
REF	24"	30"
RANGE	30"	30"
DW	18"	24"
SINK CABINET	30"	30"

GENERAL NOTES:

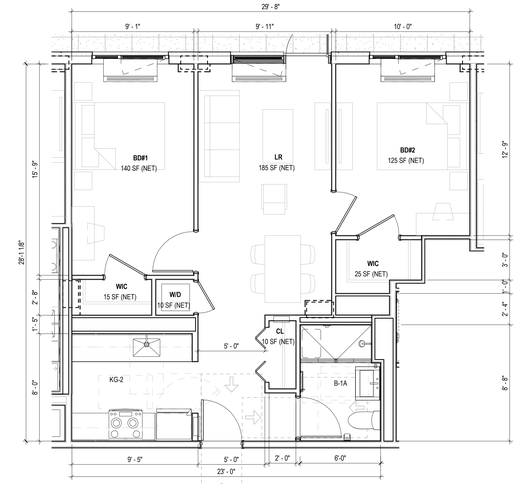
LOCATION OF COLUMNS AND ASSOCIATED FURRING WALLS SHOWN AS DASHED LINES VARIES THROUGHOUT. SEE OVERALL PLANS.



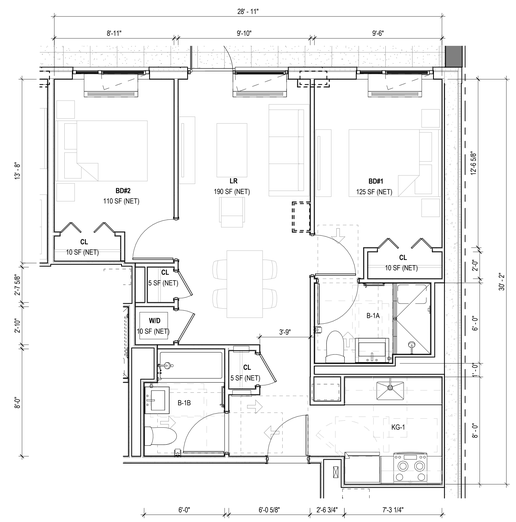
6 UNIT PLAN - TYPE 2C
SCALE: 1/4" = 1'-0"



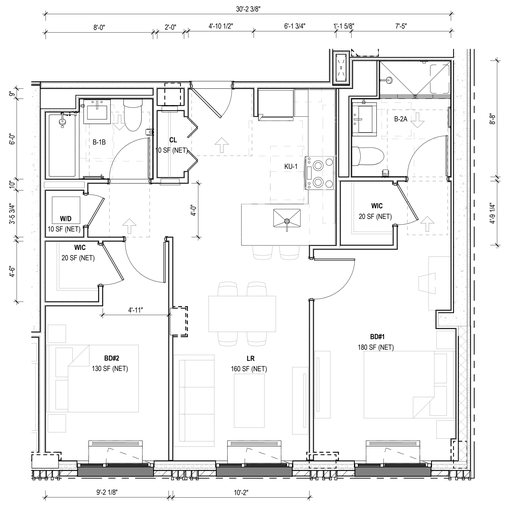
5 UNIT PLAN - TYPE 2C.2
SCALE: 1/4" = 1'-0"



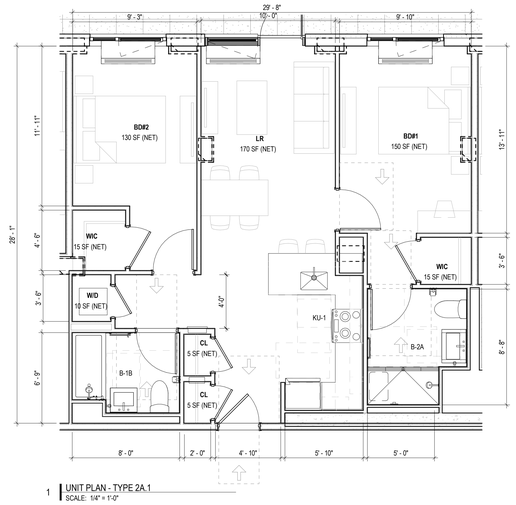
4 UNIT PLAN - TYPE 2B.1
SCALE: 1/4" = 1'-0"



3 UNIT PLAN - TYPE 2A.2
SCALE: 1/4" = 1'-0"

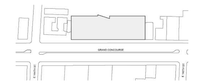


2 UNIT PLAN - TYPE 2A.1.1
SCALE: 1/4" = 1'-0"



1 UNIT PLAN - TYPE 2A.1
SCALE: 1/4" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENLARGED UNIT PLAN 2BD

SCALE: As indicated PAGE: 27 OF 75

A-132.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 1:50:02 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

MATERIAL	TAG	NAME	LOCATION	COLOR	FINISH	MANUFACTURER	NOTES
CONCRETE	PCP-1	Pre-cast Concrete Panel	West Elevation	Match PPG1115-6	Light Sandblast		Medium Grey and Green Aggregate
	PCP-2	Pre-cast Concrete Panel	West Elevation	Black to Match "Jet Mist Granite" Sample	Acid Etch with Finish Coat		Fine Aggregate
METAL	XACM/ XMT-01	Black Painted Aluminum	Storefronts Supermarket Canopy	Black - UC40577 - Duranar		PPG	Use UC51742 primer only
	XMT-2	Bronze Painted Aluminum	Residential Canopy	Bronze to Match Bonded Wall		PPG	Color to Match PVC-2 / RAL Reference: 9006
	XMT-3	Bonded Bronze Metal	Residential Lobby Entry Wall	Bonded Bronze Delta Pattern	Dark	F+S	3.8mm Thickness
UPVC	PVC-1	Black Window Frames & Steel	Big Malbin - Tower & Storefronts - South	Black Smooth		INTUS	Interior & Exterior Mullion Finish to Match
GLASS	GL-1	Fixed, 1-3/16" IGU	Tower, Base		Bird Glass Frit below 75 Feet	GUARDIAN	Offset Dot Pattern, White Dots, 2"x 4" Frit Pattern, Surface #2
	GL-2	Casement, 1-3/16" IGU	Tower, Base		Bird Glass Frit below 75 Feet	GUARDIAN	
	GL-3	Fixed, 1-5/8" ICU	Tower		Bird Glass Frit below 75 Feet	GUARDIAN	
	GL-4	Casement, 1-5/8" IGU	Tower		Bird Glass Frit below 75 Feet	GUARDIAN	
	GL-5	Fixed 1" IGU, Low-Iron Clear	Storefronts		Bird Glass UV	GUARDIAN	Bird1st UV
EFIS	XEI-1.A	EIFS Dark Grey	North, East, South Elevations & Rooftop Bulkhead	Dark Gray		STOCORP	
	XEI-1.B	EIFS Natural Green	East Elevation	Match PPG1113-3		STOCORP	
	XEI-1.C	EIFS Dark Green	East Elevation	Match PPG1115-6		STOCORP	
	XEI-1.D	EIFS	East Elevation & Rooftop Bulkhead	Dark Gray	Impact Resistant		Install to 8'-0" above Paver
	XEI-1.E	EIFS	East Elevation	Match PPG1113-3	Impact Resistant	STOCORP	Install to 8'-0" above Paver
	XEI-1.F	EIFS	East Elevation	Match PPG1115-6	Impact Resistant	STOCORP	Install to 8'-0" above Paver
STONE	XST-1	Black Granite	Storefront Base	Jet Mist	Polished	Stone Source	

ELEVATION LEGEND:

- XMT-01 METAL PANEL
- XMT-02 BRONZE METAL PANEL CANOPY
- XMT-03 DECORATIVE METAL PANEL BONDED BRONZE, DELTA DARK
- XST-01 STONE BASE
- XGL-01 BIRD GLASS GLAZING COMPLIANT WITH LOCAL LAW 15 OF 2020
- XGL-02 NON-BIRD GLASS GLAZING COMPLIANT WITH LOCAL LAW 15 OF 2020
- XL-01 PTAC LOUVER PTD TO MATCH ADJACENT WINDOW MULLIONS.
- XIN-01 ADJACENT BUILDING INSULATION
- PCP-01 PRECAST ROUGH CONCRETE PANEL
- PCP-02 PRECAST POLISHED CONCRETE PANEL
- XEI-01.A EIFS
- XEI-01.B EIFS NATURAL GREEN TO MATCH PGG1113-3
- XEI-01.C EIFS DARK GREEN SHADED GREEN TO MATCH PPG1115-6
- XEI-01.D IMPACT-RESISTANT EIFS
- XEI-01.E IMPACT-RESISTANT EIFS NATURAL GREEN TO MATCH PGG1113-3
- XEI-01.F IMPACT-RESISTANT EIFS SHADED GREEN TO MATCH PPG1115-6

NOTES:

1. REFER TO A-607 FOR ACOUSTIC REQUIREMENT
2. STOREFRONT SYSTEM WITH MULLION CAPS OF 4" DEPTH TO BE APPLIED TO ALL STOREFRONT TYPES LOCATED ON THE 1ST FLOOR WHILE THOSE ON THE 2ND FLOOR SHOULD HAVE MULLION CAPS OF 1 3/4" DEPTH. REFER TO A502 FOR MORE DETAILS.
3. OVERALL WIDTH INDICATED ON A-606 REFER TO THE STOREFRONT SYSTEM ONLY. REFER TO PLANS FOR MASONRY OPENINGS AND DETAIL A-500 SERIES FOR MORE DETAILS

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET

KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:
350 GRAND CONCOURSE
350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:
BUILDING ELEVATION - WEST

SCALE: As indicated PAGE: 28 OF 75

A-200.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

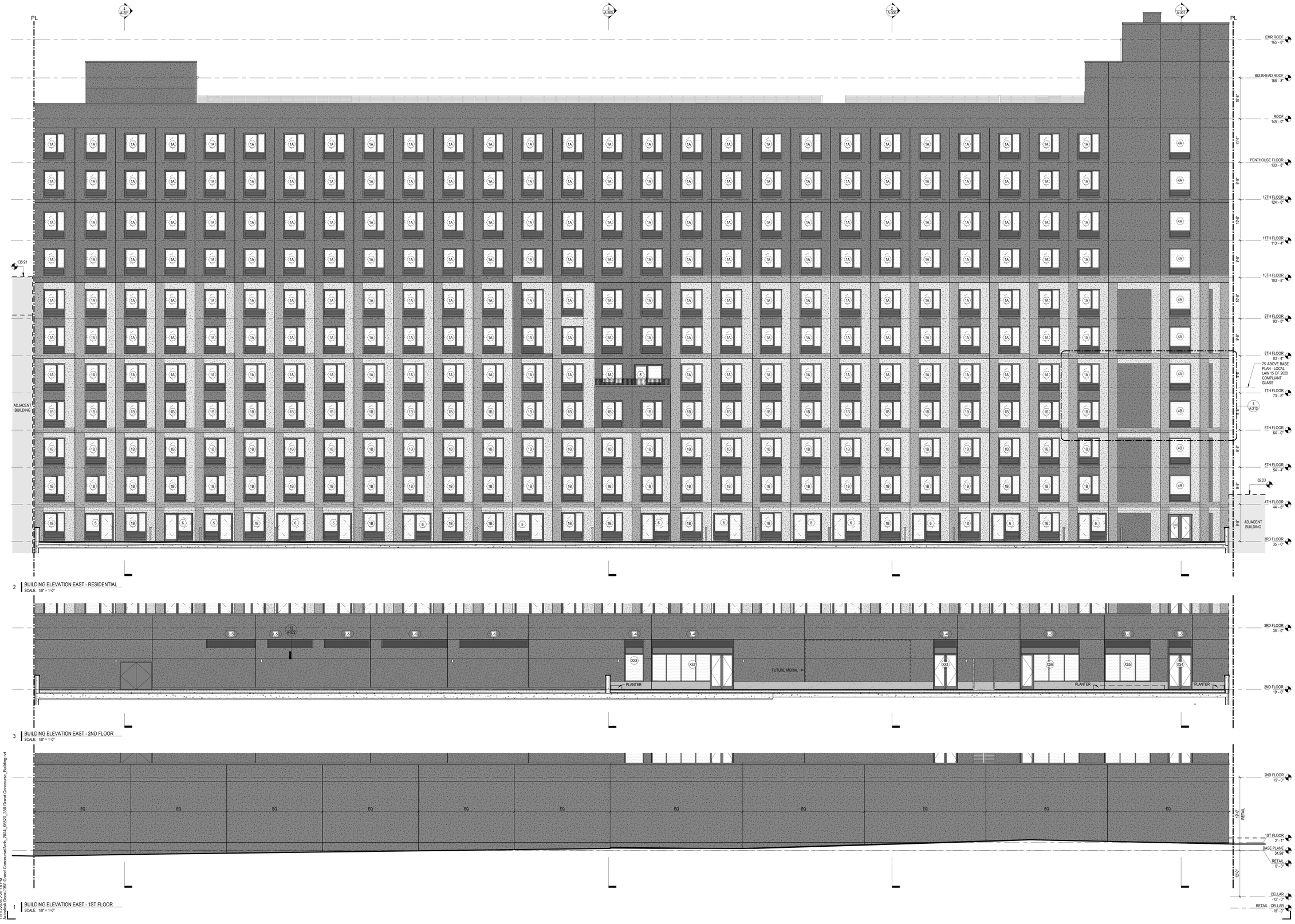
11/10/2025 2:29:16 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

ELEVATION LEGEND:

XMT-01	METAL PANEL	XGL-01	BIRD GLASS GLAZING COMPLIANT WITH LOCAL LAW 15 OF 2020	PCP-01	PRECAST ROUGH CONCRETE PANEL	XEI-01.C	EIFS DARK GREEN SHADED GREEN TO MATCH PPG1115-6
XMT-02	BRONZE METAL PANEL CANOPY	XGL-02	NON-BIRD GLASS GLAZING COMPLIANT WITH LOCAL LAW 15 OF 2020	PCP-02	PRECAST POLISHED CONCRETE PANEL	XEI-01.D	IMPACT-RESISTANT EIFS
XMT-03	DECORATIVE METAL PANEL BONDED BRONZE, DELTA DARK	XL-01	PTAC LOUVER PTD TO MATCH ADJACENT WINDOW MULLIONS.	XEI-01.A	EIFS	XEI-01.E	IMPACT-RESISTANT EIFS NATURAL GREEN TO MATCH PGG1113-3
XST-01	STONE BASE	XIN-01	ADJACENT BUILDING INSULATION	XEI-01.B	EIFS NATURAL GREEN TO MATCH PGG1113-3	XEI-01.F	IMPACT-RESISTANT EIFS SHADED GREEN TO MATCH PPG1115-6

NOTES:

1. REFER TO A-607 FOR ACOUSTIC REQUIREMENT
2. STOREFRONT SYSTEM WITH MULLION CAPS OF 4" DEPTH TO BE APPLIED TO ALL STOREFRONT TYPES LOCATED ON THE 1ST FLOOR WHILE THOSE ON THE 2ND FLOOR SHOULD HAVE MULLION CAPS OF 1 3/4" DEPTH. REFER TO A502 FOR MORE DETAILS.
3. OVERALL WIDTH INDICATED ON A-606 REFER TO THE STOREFRONT SYSTEM ONLY. REFER TO PLANS FOR MASONRY OPENINGS AND DETAIL A 500 SERIES FOR MORE DETAILS



2 BUILDING ELEVATION EAST - RESIDENTIAL
SCALE: 1/8" = 1'-0"

3 BUILDING ELEVATION EAST - 2ND FLOOR
SCALE: 1/8" = 1'-0"

1 BUILDING ELEVATION EAST - 1ST FLOOR
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

BUILDING ELEVATION - EAST

SCALE: As indicated PAGE: 29 OF 75

A-201.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

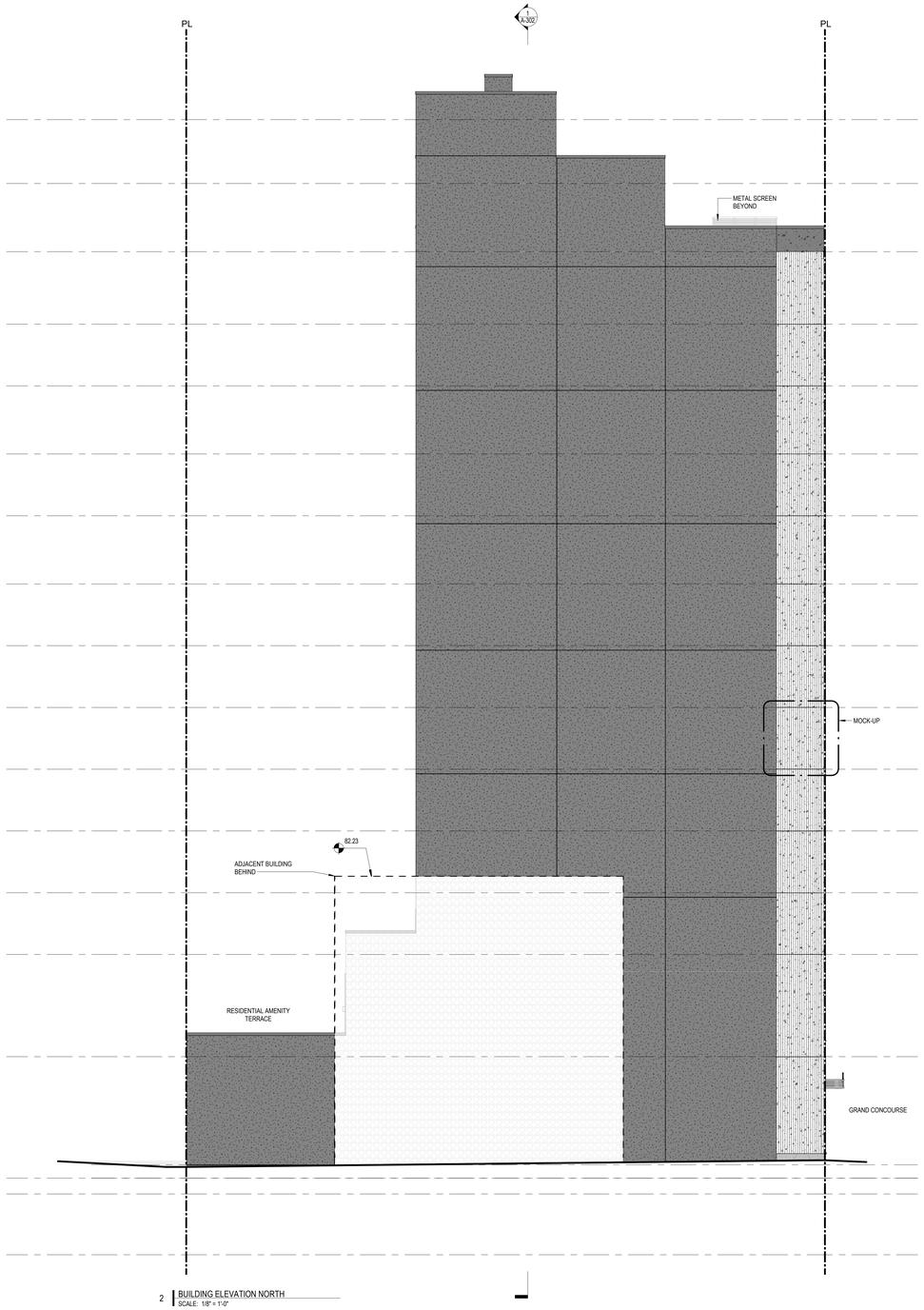
11/10/2025 2:29:18 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

ELEVATION LEGEND:

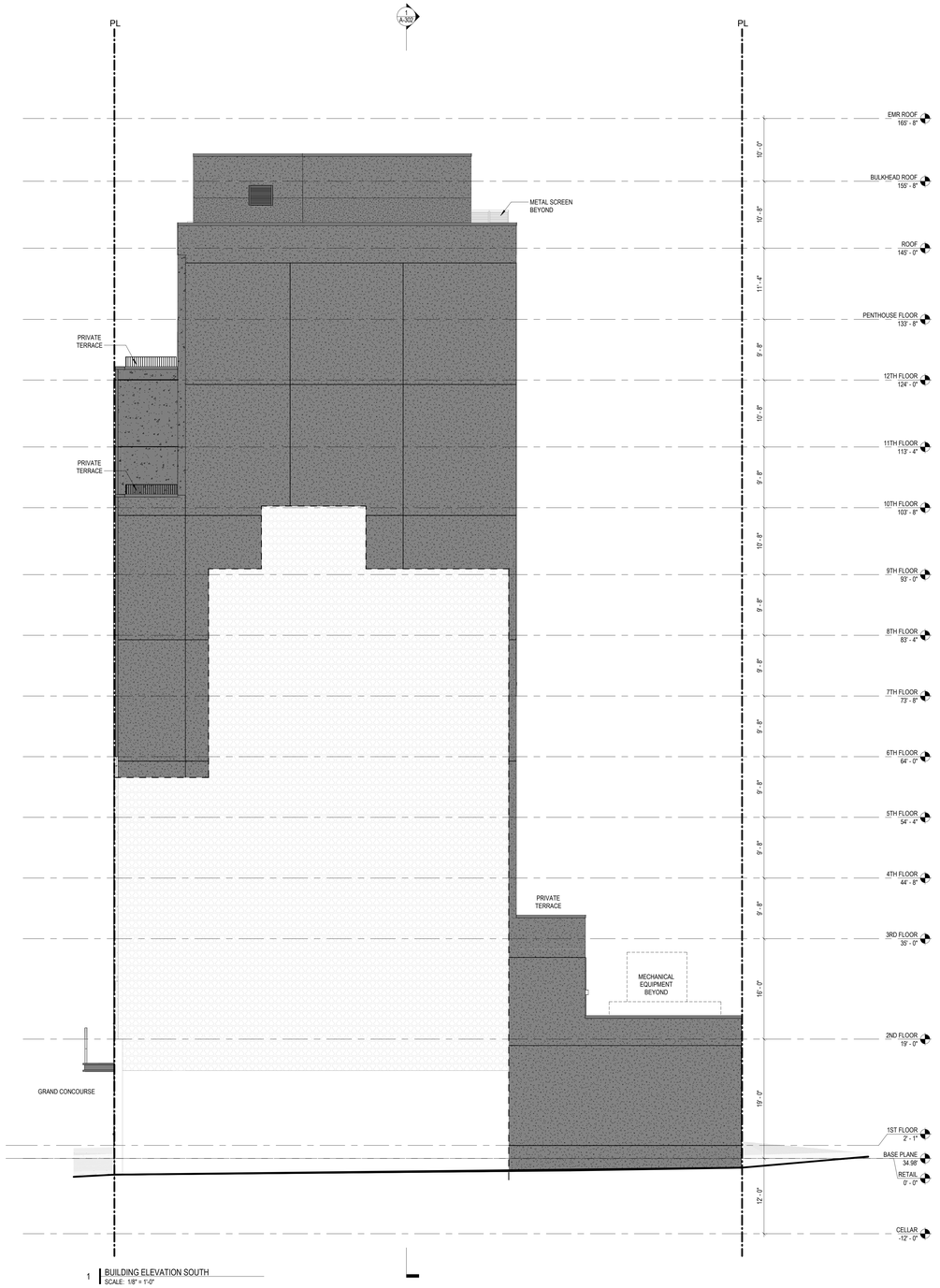
XMT-01	METAL PANEL	XGL-01	BIRD GLASS GLAZING COMPLIANT WITH LOCAL LAW 15 OF 2020	PCP-01	PRECAST ROUGH CONCRETE PANEL	XEI-01.C	EIFS DARK GREEN SHADED GREEN TO MATCH PPG1115-6
XMT-02	BRONZE METAL PANEL CANOPY	XGL-02	NON-BIRD GLASS GLAZING COMPLIANT WITH LOCAL LAW 15 OF 2020	PCP-02	PRECAST POLISHED CONCRETE PANEL	XEI-01.D	IMPACT-RESISTANT EIFS
XMT-03	DECORATIVE METAL PANEL BONDED BRONZE, DELTA DARK	XL-01	PTAC LOUVER PTD TO MATCH ADJACENT WINDOW MULLIONS.	XEI-01.A	EIFS	XEI-01.E	IMPACT-RESISTANT EIFS NATURAL GREEN TO MATCH PGG1113-3
XST-01	STONE BASE	XIN-01	ADJACENT BUILDING INSULATION	XEI-01.B	EIFS NATURAL GREEN TO MATCH PGG1113-3	XEI-01.F	IMPACT-RESISTANT EIFS SHADED GREEN TO MATCH PPG1115-6

NOTES:

1. REFER TO A-607 FOR ACOUSTIC REQUIREMENT
2. STOREFRONT SYSTEM WITH MULLION CAPS OF 4" DEPTH TO BE APPLIED TO ALL STOREFRONT TYPES LOCATED ON THE 1ST FLOOR WHILE THOSE ON THE 2ND FLOOR SHOULD HAVE MULLION CAPS OF 1 3/4" DEPTH. REFER TO A502 FOR MORE DETAILS.
3. OVERALL WIDTH INDICATED ON A-606 REFER TO THE STOREFRONT SYSTEM ONLY. REFER TO PLANS FOR MASONRY OPENINGS AND DETAIL A 500 SERIES FOR MORE DETAILS

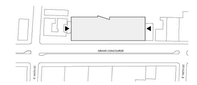


2 BUILDING ELEVATION NORTH
SCALE: 1/8" = 1'-0"



1 BUILDING ELEVATION SOUTH
SCALE: 1/8" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 38TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

BUILDING ELEVATION - NORTH & SOUTH

SCALE: As indicated PAGE: 30 OF 75

A-202.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 2:29:20 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

ELEVATION LEGEND:

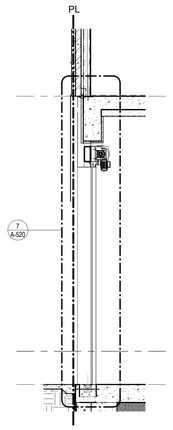
XMT-01	METAL PANEL	PCP-01	PRECAST ROUGH CONCRETE PANEL
XMT-03	METAL PANEL CANOPY	PCP-02	PRECAST POLISHED CONCRETE PANEL
XMT-03	DECORATIVE METAL PANEL BONDED BRONZE, DELTA DARK	XEI-01	EIFS
XST-01	STONE BASE	XEI-02	EIFS NATURAL GREEN TO MATCH PGG1113-3
XGL-01	BIRD GLASS GLAZING COMPLIANT WITH LOCAL LAW 15 OF 2020	XEI-03	EIFS DARK GREEN SHADED GREEN TO MATCH PPG1115-6
XGL-02	NON-BIRD GLASS GLAZING COMPLIANT WITH LOCAL LAW 15 OF 2020	XEI-04	IMPACT-RESISTANT EIFS
XL-01	PTAC LOUVER PTD TO MATCH ADJACENT WINDOW MULLIONS	XEI-05	IMPACT-RESISTANT EIFS NATURAL GREEN TO MATCH PGG1113-3
XIN-01	ADJACENT BUILDING INSULATION	XEI-06	IMPACT-RESISTANT EIFS SHADED GREEN TO MATCH PPG1115-6

NOTES:

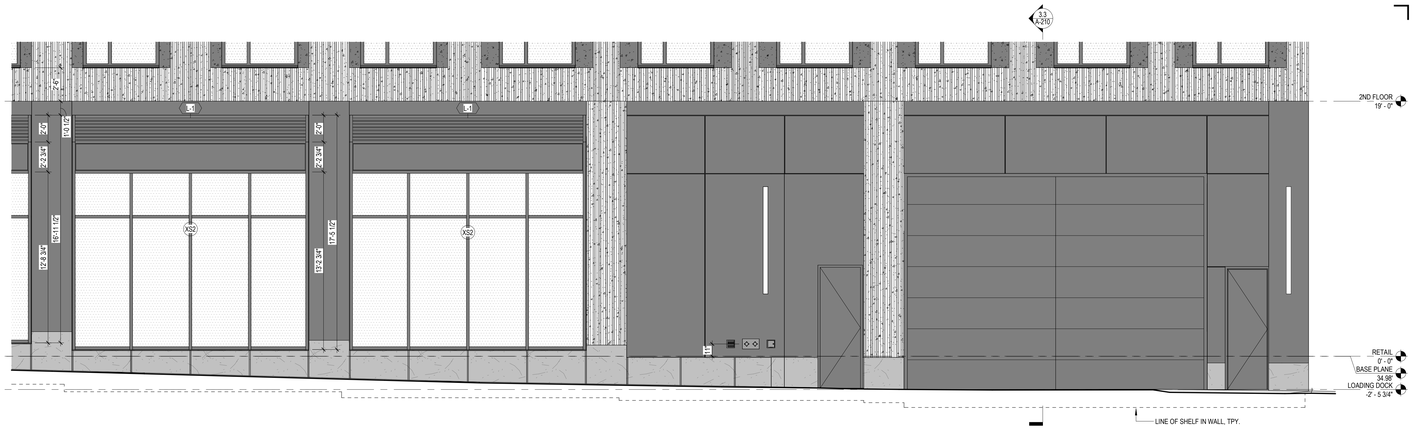
1. REFER TO A-607 FOR ACOUSTIC REQUIREMENT

2. STOREFRONT SYSTEM WITH MULLION CAPS OF 4" DEPTH TO BE APPLIED TO ALL STOREFRONT TYPES LOCATED ON THE 1ST FLOOR WHILE THOSE ON THE 2ND FLOOR SHOULD HAVE MULLION CAPS OF 1 3/4" DEPTH. REFER TO A602 FOR MORE DETAILS

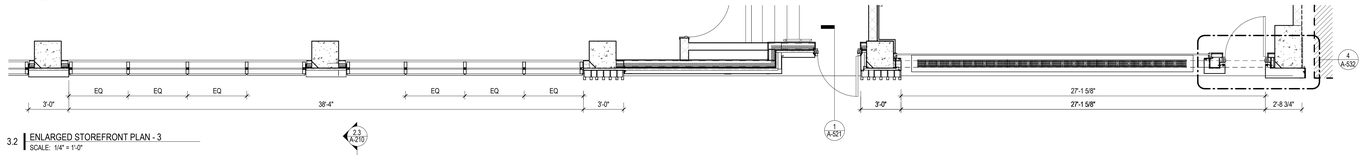
3. OVERALL WIDTH INDICATED ON A-606 REFER TO THE STOREFRONT SYSTEM ONLY. REFER TO PLANS FOR MASONRY OPENINGS AND DETAIL A 500 SERIES FOR MORE DETAILS



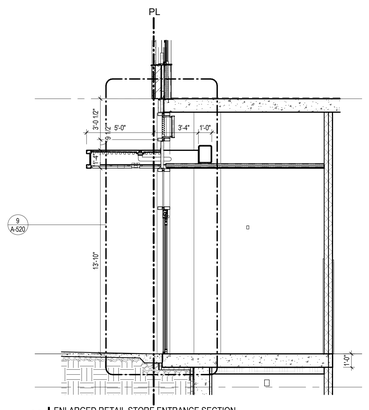
3.3 | ENLARGED LOADING ENTRANCE SECTION
SCALE: 1/4" = 1'-0"



3.1 | ENLARGED STOREFRONT ELEVATION - 3
SCALE: 1/4" = 1'-0"

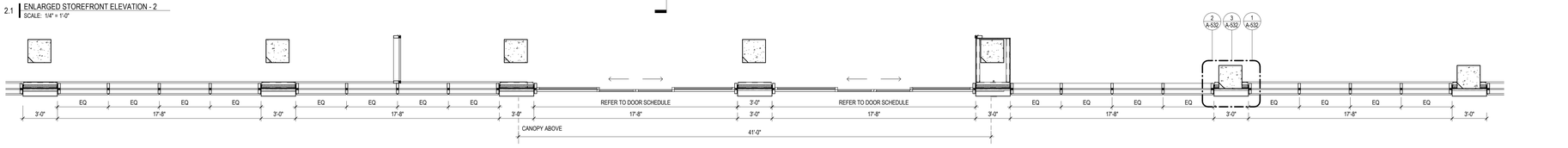


3.2 | ENLARGED STOREFRONT PLAN - 3
SCALE: 1/4" = 1'-0"

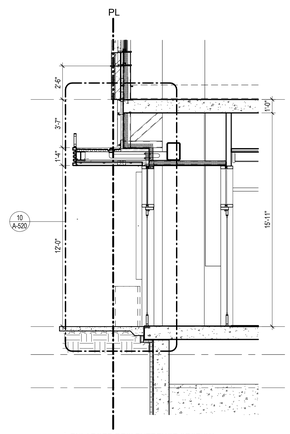


2.3 | ENLARGED RETAIL STORE ENTRANCE SECTION
SCALE: 1/4" = 1'-0"

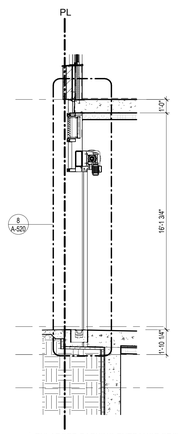
2.1 | ENLARGED STOREFRONT ELEVATION - 2
SCALE: 1/4" = 1'-0"



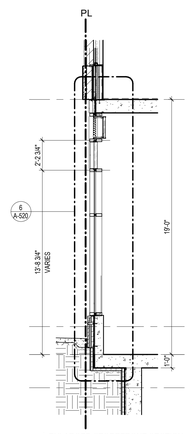
2.2 | ENLARGED STOREFRONT PLAN - 2
SCALE: 1/4" = 1'-0"



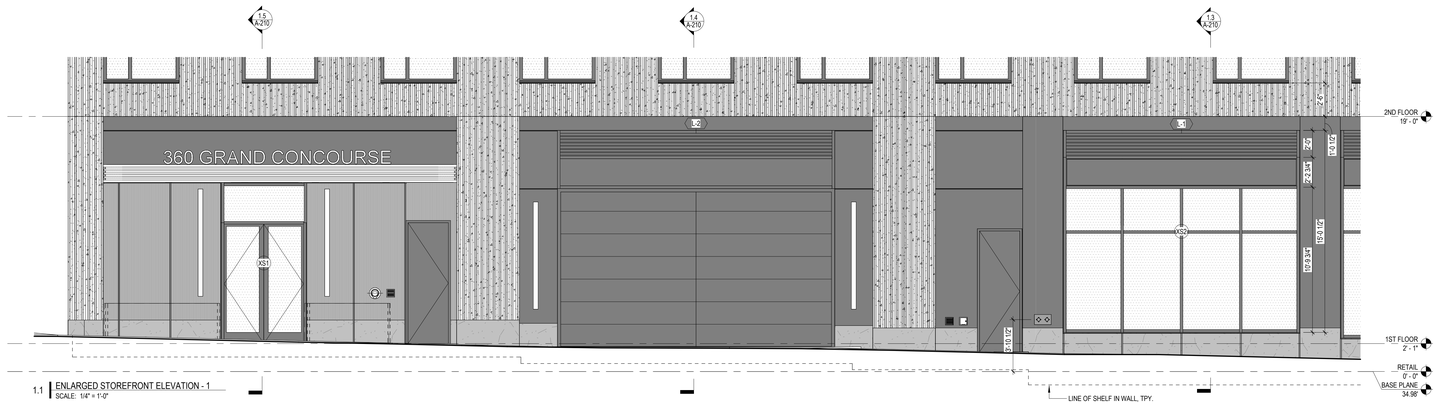
1.5 | ENLARGED RESI ENTRENCE SECTION
SCALE: 1/4" = 1'-0"



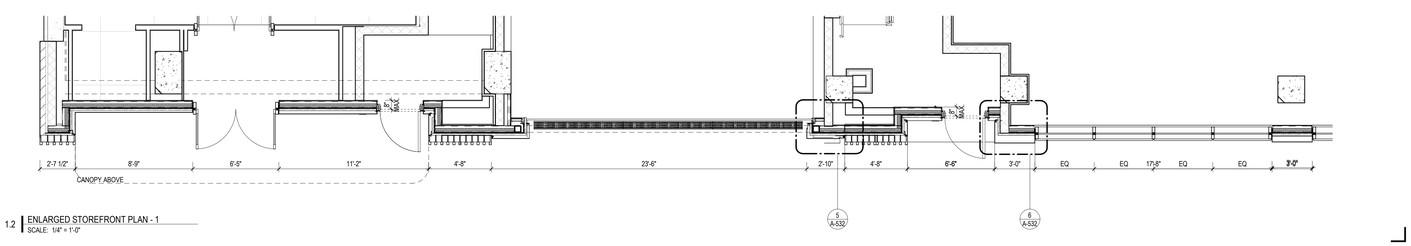
1.4 | ENLARGED PARKING ENTRANCE SECTION
SCALE: 1/4" = 1'-0"



1.3 | ENLARGED STOREFRONT SECTION
SCALE: 1/4" = 1'-0"

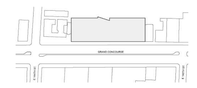


1.1 | ENLARGED STOREFRONT ELEVATION - 1
SCALE: 1/4" = 1'-0"



1.2 | ENLARGED STOREFRONT PLAN - 1
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENLARGED BUILDING ELEVATIONS 1ST FLOOR

SCALE: 1/4" = 1'-0" PAGE: 31 OF 75

A-210.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 5:48:00 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

ELEVATION LEGEND:

XMT-01	METAL PANEL	XGL-01	BIRD GLASS GLAZING COMPLIANT WITH LOCAL LAW 15 OF 2020	PCP-01	PRECAST ROUGH CONCRETE PANEL	XEI-01.C	EIFS DARK GREEN SHADED GREEN TO MATCH PPG1115-6
XMT-02	BRONZE METAL PANEL CANOPY	XGL-02	NON-BIRD GLASS GLAZING COMPLIANT WITH LOCAL LAW 15 OF 2020	PCP-02	PRECAST POLISHED CONCRETE PANEL	XEI-01.D	IMPACT-RESISTANT EIFS
XMT-03	DECORATIVE METAL PANEL BONDED BRONZE, DELTA DARK	XL-01	PTAC LOUVER PTD TO MATCH ADJACENT WINDOW MULLIONS.	XEI-01.A	EIFS	XEI-01.E	IMPACT-RESISTANT EIFS NATURAL GREEN TO MATCH PGG1113-3
XST-01	STONE BASE	XIN-01	ADJACENT BUILDING INSULATION	XEI-01.B	EIFS NATURAL GREEN TO MATCH PGG1113-3	XEI-01.F	IMPACT-RESISTANT EIFS SHADED GREEN TO MATCH PPG1115-6

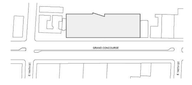
NOTES:

1. REFER TO A-607 FOR ACOUSTIC REQUIREMENT

2. STOREFRONT SYSTEM WITH MULLION CAPS OF 4" DEPTH TO BE APPLIED TO ALL STOREFRONT TYPES LOCATED ON THE 1ST FLOOR WHILE THOSE ON THE 2ND FLOOR SHOULD HAVE MULLION CAPS OF 1 3/4" DEPTH. REFER TO A502 FOR MORE DETAILS.

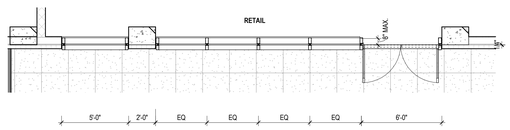
3. OVERALL WIDTH INDICATED ON A-606 REFER TO THE STOREFRONT SYSTEM ONLY. REFER TO PLANS FOR MASONRY OPENINGS AND DETAIL A 500 SERIES FOR MORE DETAILS

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT

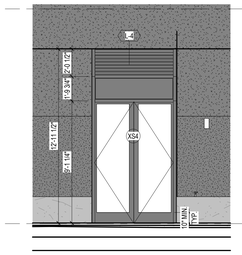


KEY PLAN

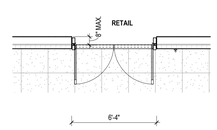
6. ENLARGED STOREFRONT ELEVATION @ 2ND FLOOR 3
SCALE: 1/4" = 1'-0"



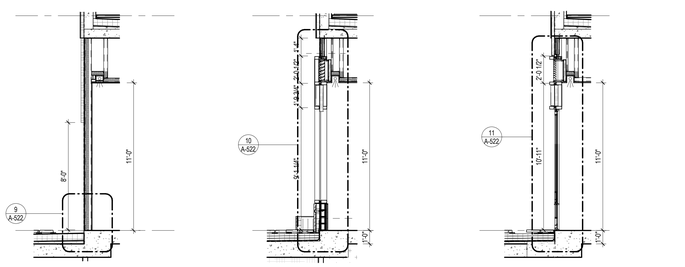
6.2 ENLARGED STOREFRONT PLAN @ 2ND FLOOR 3
SCALE: 1/4" = 1'-0"



5.1 ENLARGED STOREFRONT ELEVATION @ 2ND FLOOR 2
SCALE: 1/4" = 1'-0"



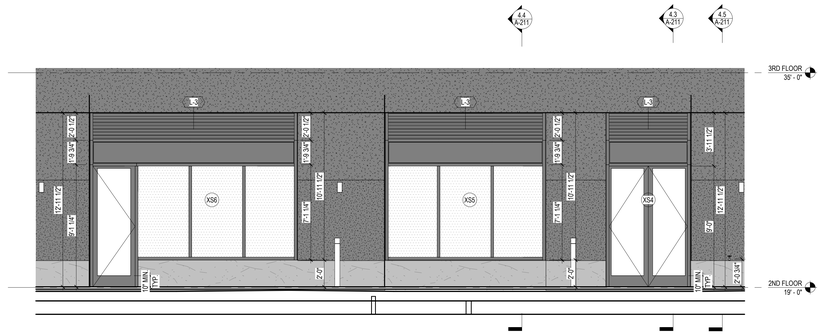
5.2 ENLARGED STOREFRONT PLAN @ 2ND FLOOR 2
SCALE: 1/4" = 1'-0"



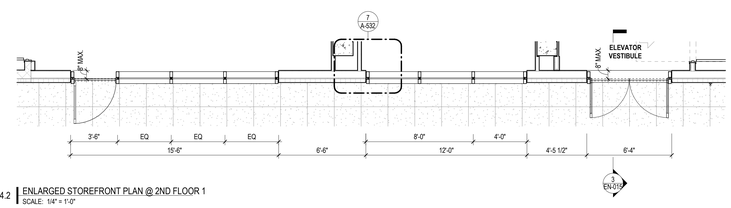
4.5 ENLARGED DOOR SECTION @ 2ND FLOOR
SCALE: 1/4" = 1'-0"

4.4 ENLARGED STOREFRONT SECTION @ 2ND FLOOR
SCALE: 1/4" = 1'-0"

4.3 ENLARGED DOOR SECTION @ 2ND FLOOR
SCALE: 1/4" = 1'-0"



4.1 ENLARGED STOREFRONT ELEVATION @ 2ND FLOOR 1
SCALE: 1/4" = 1'-0"



4.2 ENLARGED STOREFRONT PLAN @ 2ND FLOOR 1
SCALE: 1/4" = 1'-0"

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENLARGED BUILDING ELEVATIONS 2ND FLOOR

SCALE: 1/4" = 1'-0" PAGE: 32 OF 75

A-211.00

DOB SCAN STICKER

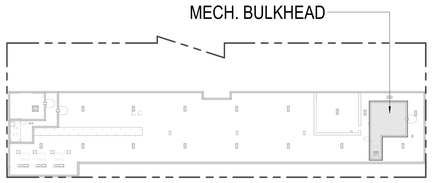
SEAL

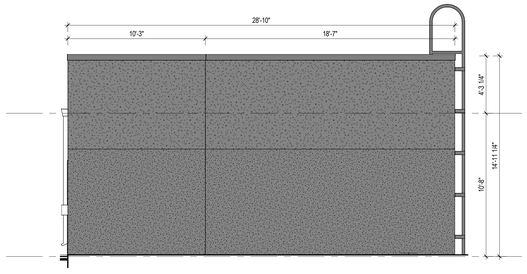
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

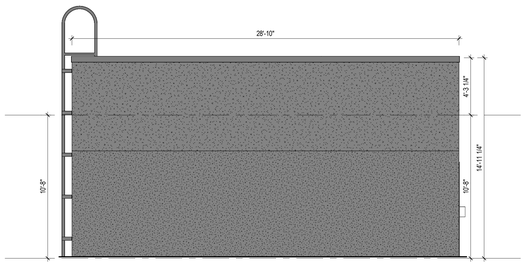
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 6:10:12 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt





8 BULKHEAD ELEVATION - MECHANICAL - WEST
SCALE: 1/4" = 1'-0"



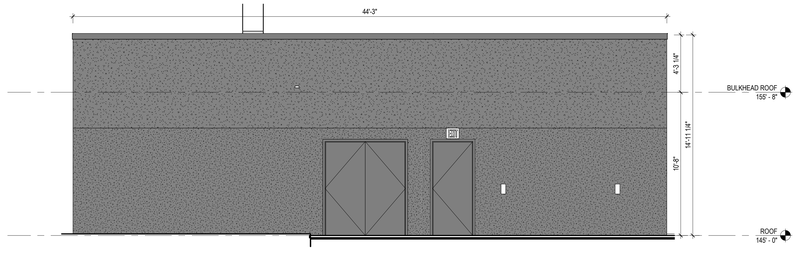
6 BULKHEAD ELEVATION - MECHANICAL - EAST
SCALE: 1/4" = 1'-0"

ELEVATION LEGEND:

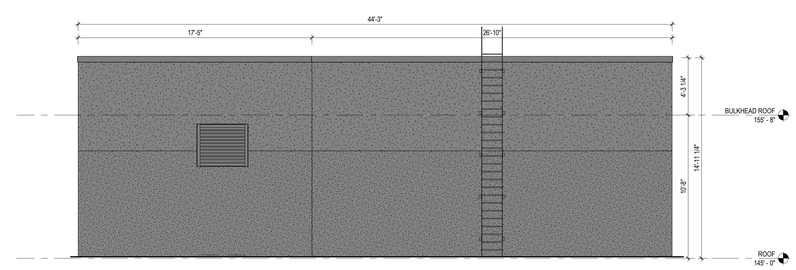
XMT-01	METAL PANEL	XGL-01	BIRD GLASS GLAZING COMPLIANT WITH LOCAL LAW 15 OF 2020	PCP-01	PRECAST ROUGH CONCRETE PANEL	XEI-01.C	EIFS DARK GREEN SHADED GREEN TO MATCH PPG1115-6
XMT-02	BRONZE METAL PANEL CANOPY	XGL-02	NON-BIRD GLASS GLAZING COMPLIANT WITH LOCAL LAW 15 OF 2020	PCP-02	PRECAST POLISHED CONCRETE PANEL	XEI-01.D	IMPACT-RESISTANT EIFS
XMT-03	DECORATIVE METAL PANEL BONDED BRONZE, DELTA DARK	XL-01	PTAC LOUVER PTD TO MATCH ADJACENT WINDOW MULLIONS.	XEI-01.A	EIFS	XEI-01.E	IMPACT-RESISTANT EIFS NATURAL GREEN TO MATCH PGG1113-3
XST-01	STONE BASE	XIN-01	ADJACENT BUILDING INSULATION	XEI-01.B	EIFS NATURAL GREEN TO MATCH PGG1113-3	XEI-01.F	IMPACT-RESISTANT EIFS SHADED GREEN TO MATCH PPG1115-6

NOTES:

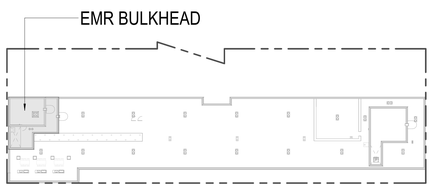
1. REFER TO A-607 FOR ACOUSTIC REQUIREMENT
2. STOREFRONT SYSTEM WITH MULLION CAPS OF 4" DEPTH TO BE APPLIED TO ALL STOREFRONT TYPES LOCATED ON THE 1ST FLOOR WHILE THOSE ON THE 2ND FLOOR SHOULD HAVE MULLION CAPS OF 1 3/4" DEPTH. REFER TO A502 FOR MORE DETAILS.
3. OVERALL WIDTH INDICATED ON A-606 REFER TO THE STOREFRONT SYSTEM ONLY. REFER TO PLANS FOR MASONRY OPENINGS AND DETAIL A 500 SERIES FOR MORE DETAILS.

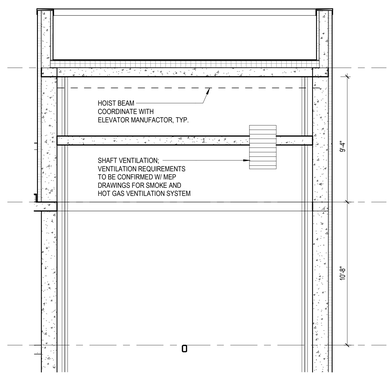


7 BULKHEAD ELEVATION - MECHANICAL - NORTH
SCALE: 1/4" = 1'-0"

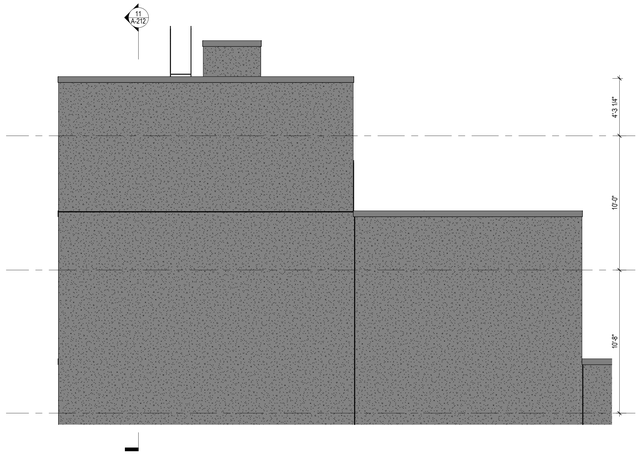


5 BULKHEAD ELEVATION - MECHANICAL - SOUTH
SCALE: 1/4" = 1'-0"

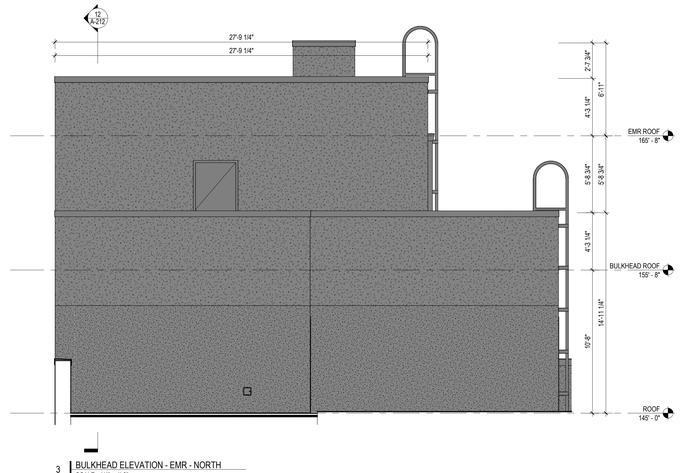




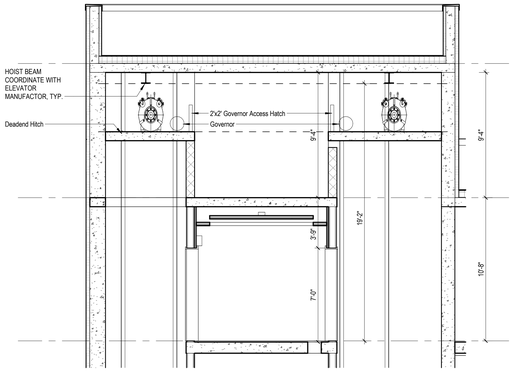
12 BULKHEAD ELEVATOR SECTION SOUTH
SCALE: 1/4" = 1'-0"



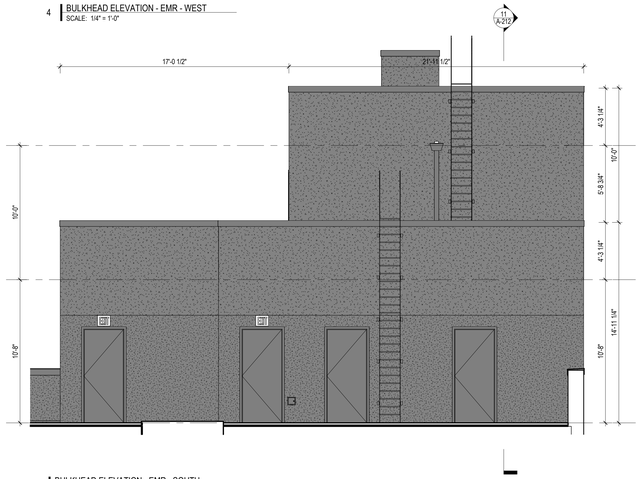
4 BULKHEAD ELEVATION - EMR - WEST
SCALE: 1/4" = 1'-0"



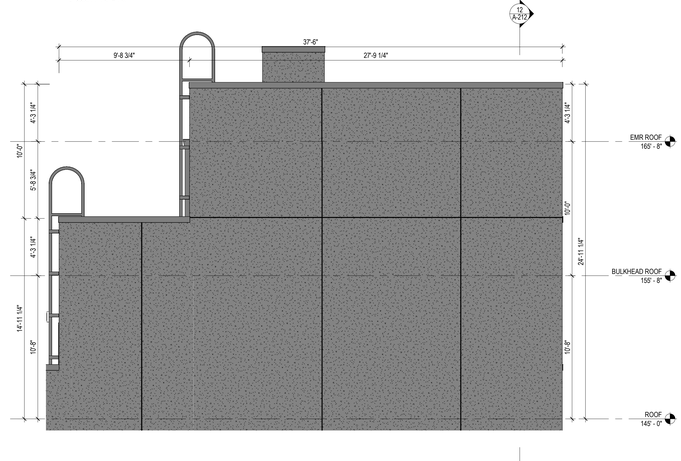
3 BULKHEAD ELEVATION - EMR - NORTH
SCALE: 1/4" = 1'-0"



11 BULKHEAD ELEVATOR SECTION WEST
SCALE: 1/4" = 1'-0"

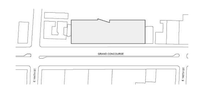


2 BULKHEAD ELEVATION - EMR - SOUTH
SCALE: 1/4" = 1'-0"



1 BULKHEAD ELEVATION - EMR - EAST
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:
ENLARGED BUILDING ELEVATION - BULKHEADS

SCALE: As indicated PAGE: 33 OF 75

A-212.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

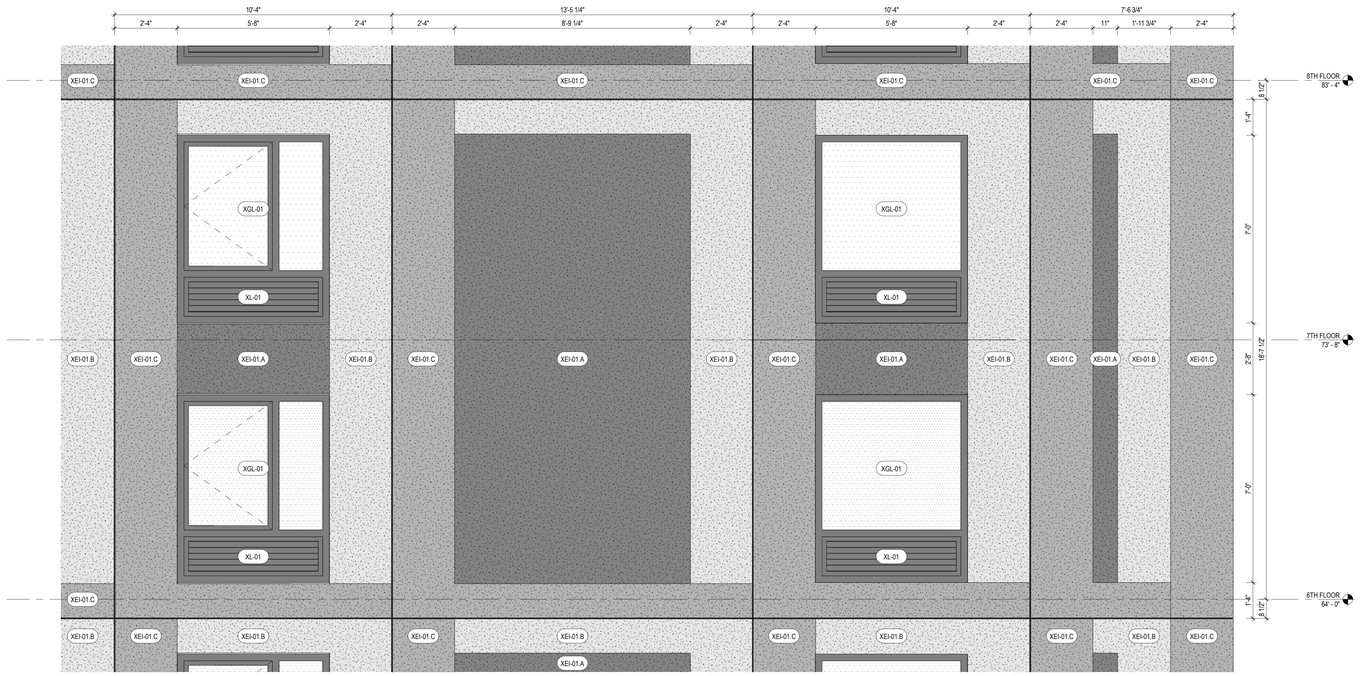
11/10/2025 5:48:05 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

ELEVATION LEGEND:

XMT-01	METAL PANEL	XGL-01	BIRD GLASS GLAZING COMPLIANT WITH LOCAL LAW 15 OF 2020	PCP-01	PRECAST ROUGH CONCRETE PANEL	XEI-01.C	EIFS DARK GREEN SHADED GREEN TO MATCH PPG1115-6
XMT-02	BRONZE METAL PANEL CANOPY	XGL-02	NON-BIRD GLASS GLAZING COMPLIANT WITH LOCAL LAW 15 OF 2020	PCP-02	PRECAST POLISHED CONCRETE PANEL	XEI-01.D	IMPACT-RESISTANT EIFS
XMT-03	DECORATIVE METAL PANEL BONDED BRONZE, DELTA DARK	XL-01	PTAC LOUVER PTD TO MATCH ADJACENT WINDOW MULLIONS.	XEI-01.A	EIFS	XEI-01.E	IMPACT-RESISTANT EIFS NATURAL GREEN TO MATCH PGG1113-3
XST-01	STONE BASE	XIN-01	ADJACENT BUILDING INSULATION	XEI-01.B	EIFS NATURAL GREEN TO MATCH PGG1113-3	XEI-01.F	IMPACT-RESISTANT EIFS SHADED GREEN TO MATCH PPG1115-6

NOTES:

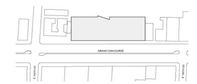
1. REFER TO A-607 FOR ACOUSTIC REQUIREMENT
2. STOREFRONT SYSTEM WITH MULLION CAPS OF 4" DEPTH TO BE APPLIED TO ALL STOREFRONT TYPES LOCATED ON THE 1ST FLOOR WHILE THOSE ON THE 2ND FLOOR SHOULD HAVE MULLION CAPS OF 1 3/4" DEPTH. REFER TO A502 FOR MORE DETAILS.
3. OVERALL WIDTH INDICATED ON A-606 REFER TO THE STOREFRONT SYSTEM ONLY. REFER TO PLANS FOR MASONRY OPENINGS AND DETAIL A 500 SERIES FOR MORE DETAILS



1 BUILDING ELEVATION EAST - RESIDENTIAL - ENLARGED
SCALE: 1/2" = 1'-0"

11/10/2025 6:10:14 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

TYPICAL EIFS COLOR LAYOUT AT EAST ELEVATION

SCALE: As indicated PAGE: 33 OF 75

A-213.00

DOB SCAN STICKER

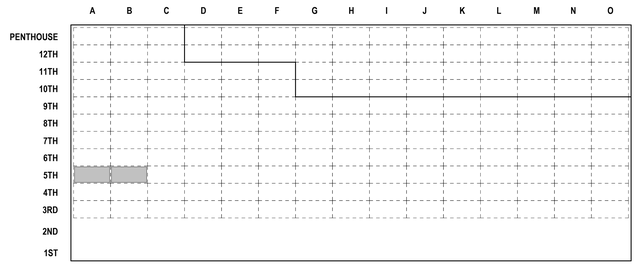
SEAL

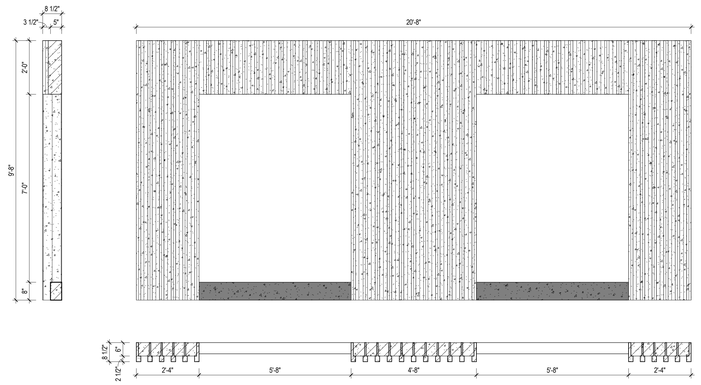
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

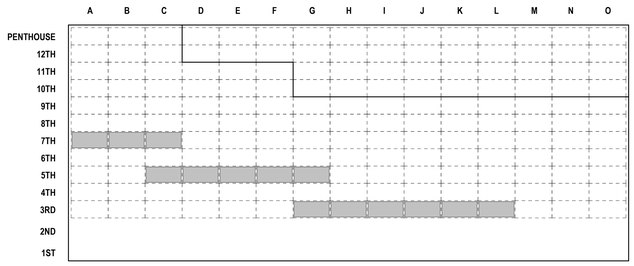
WEST ELEVATION - PRECAST MODULES DIAGRAM

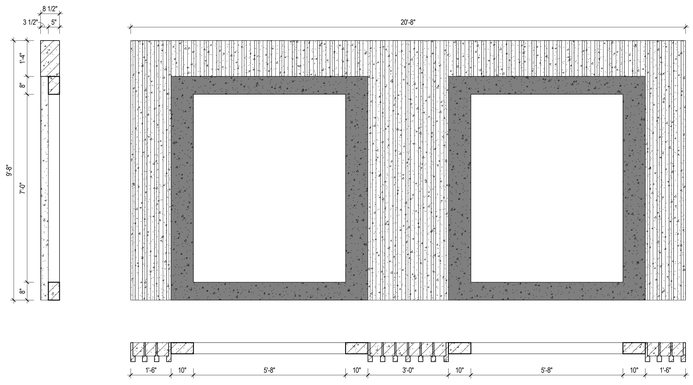




1 TYP. PRECAST PANEL - MODULE 1
SCALE: 1/2" = 1'-0"

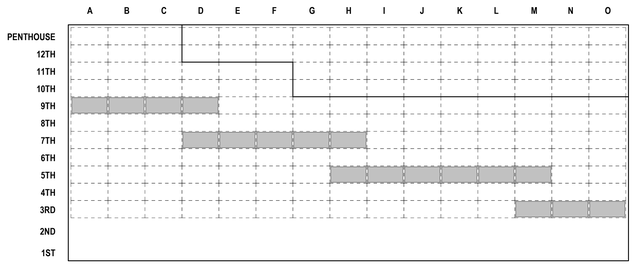
WEST ELEVATION - PRECAST MODULES DIAGRAM

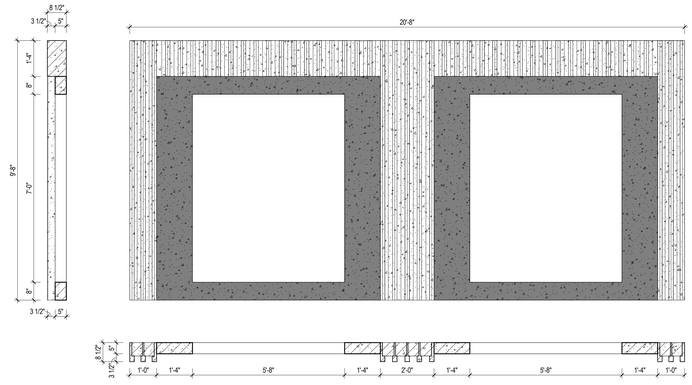




2 TYP. PRECAST PANEL - MODULE 2
SCALE: 1/2" = 1'-0"

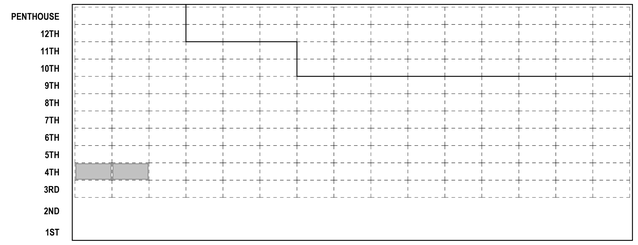
WEST ELEVATION - PRECAST MODULES DIAGRAM

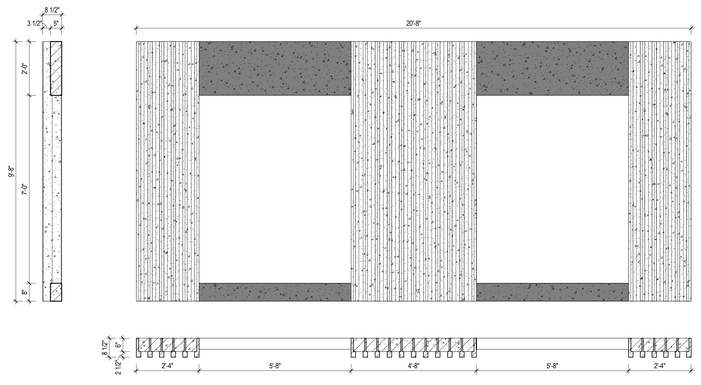




4 TYP. PRECAST PANEL - MODULE 3
SCALE: 1/2" = 1'-0"

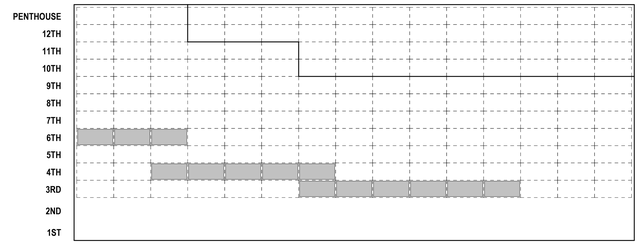
WEST ELEVATION - PRECAST MODULES DIAGRAM

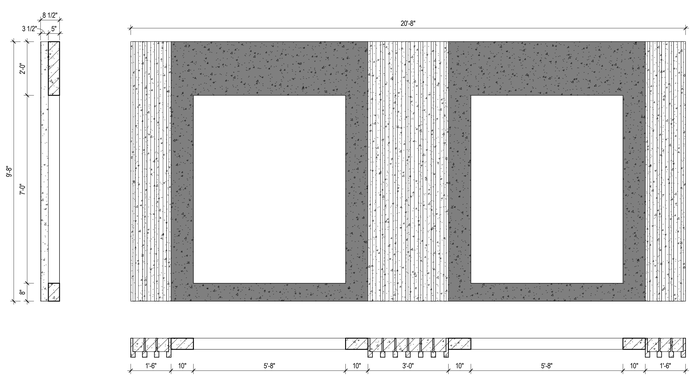




1F TYP. PRECAST PANEL - MODULE 1 FLIPPED
SCALE: 1/2" = 1'-0"

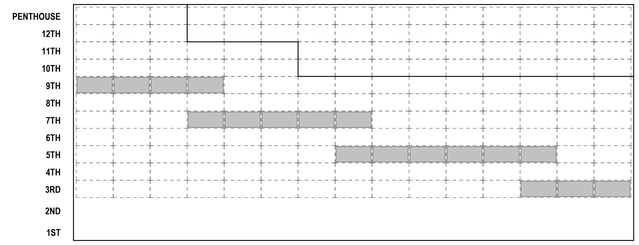
WEST ELEVATION - PRECAST MODULES DIAGRAM

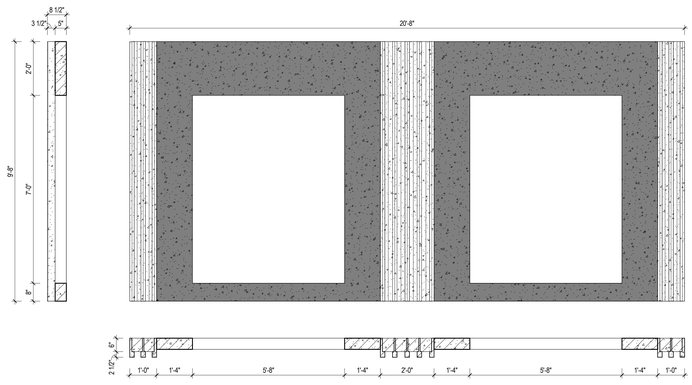




2F TYP. PRECAST PANEL - MODULE 2 FLIPPED
SCALE: 1/2" = 1'-0"

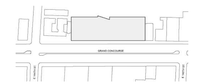
WEST ELEVATION - PRECAST MODULES DIAGRAM





5 TYP. PRECAST PANEL - MODULE 3 FLIPPED
SCALE: 1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

PRE-CAST CONCRETE PANEL EXTERIOR WALL TYPOLOGIES

SCALE: As indicated PAGE: 34 OF 75

A-250.00

DOB SCAN STICKER

SEAL

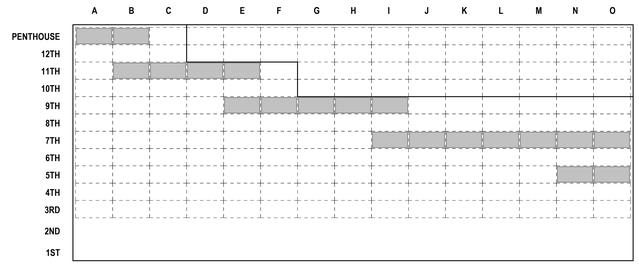
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

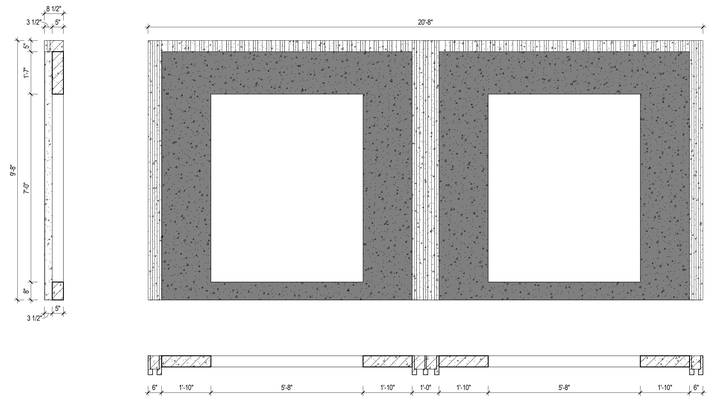
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

1/7/2025 3:35:06 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

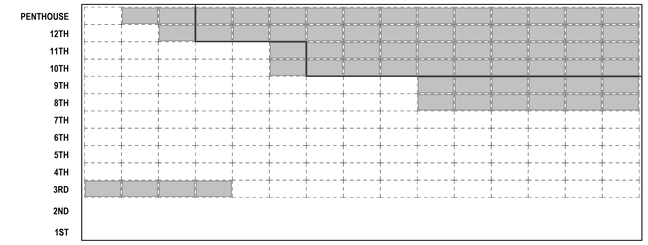
WEST ELEVATION - PRECAST MODULES DIAGRAM

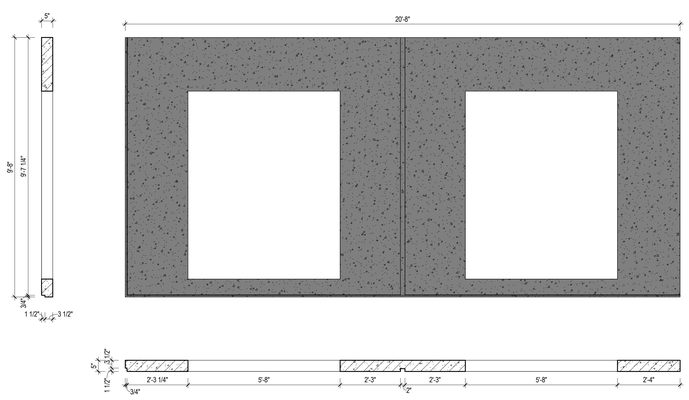




4 TYP. PRECAST PANEL - MODULE 4
SCALE: 1/2" = 1'-0"

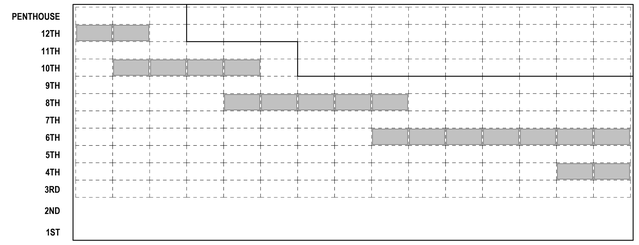
WEST ELEVATION - PRECAST MODULES DIAGRAM

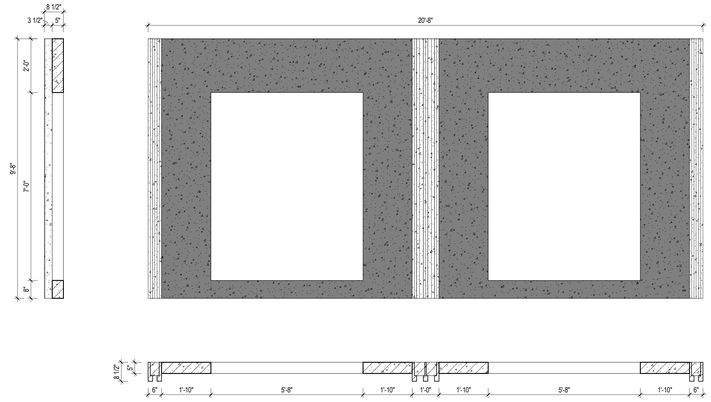




5 TYP. PRECAST PANEL - MODULE 5
SCALE: 1/2" = 1'-0"

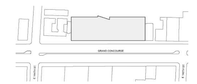
WEST ELEVATION - PRECAST MODULES DIAGRAM





4F TYP. PRECAST PANEL - MODULE 4 FLIPPED
SCALE: 1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

PRE-CAST CONCRETE PANEL EXTERIOR WALL TYPOLOGIES

SCALE: As indicated PAGE: 35 OF 75

A-251.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

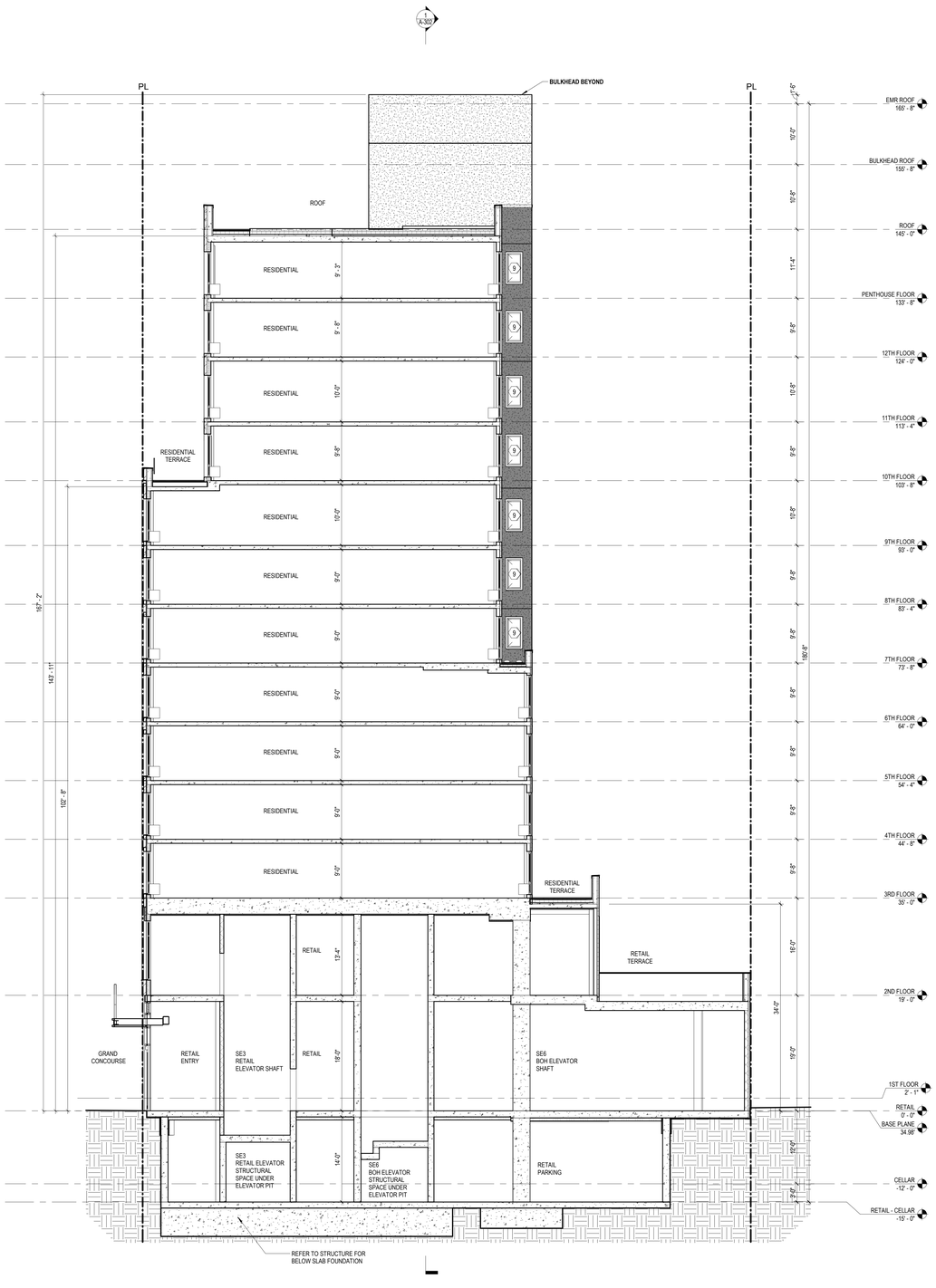
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

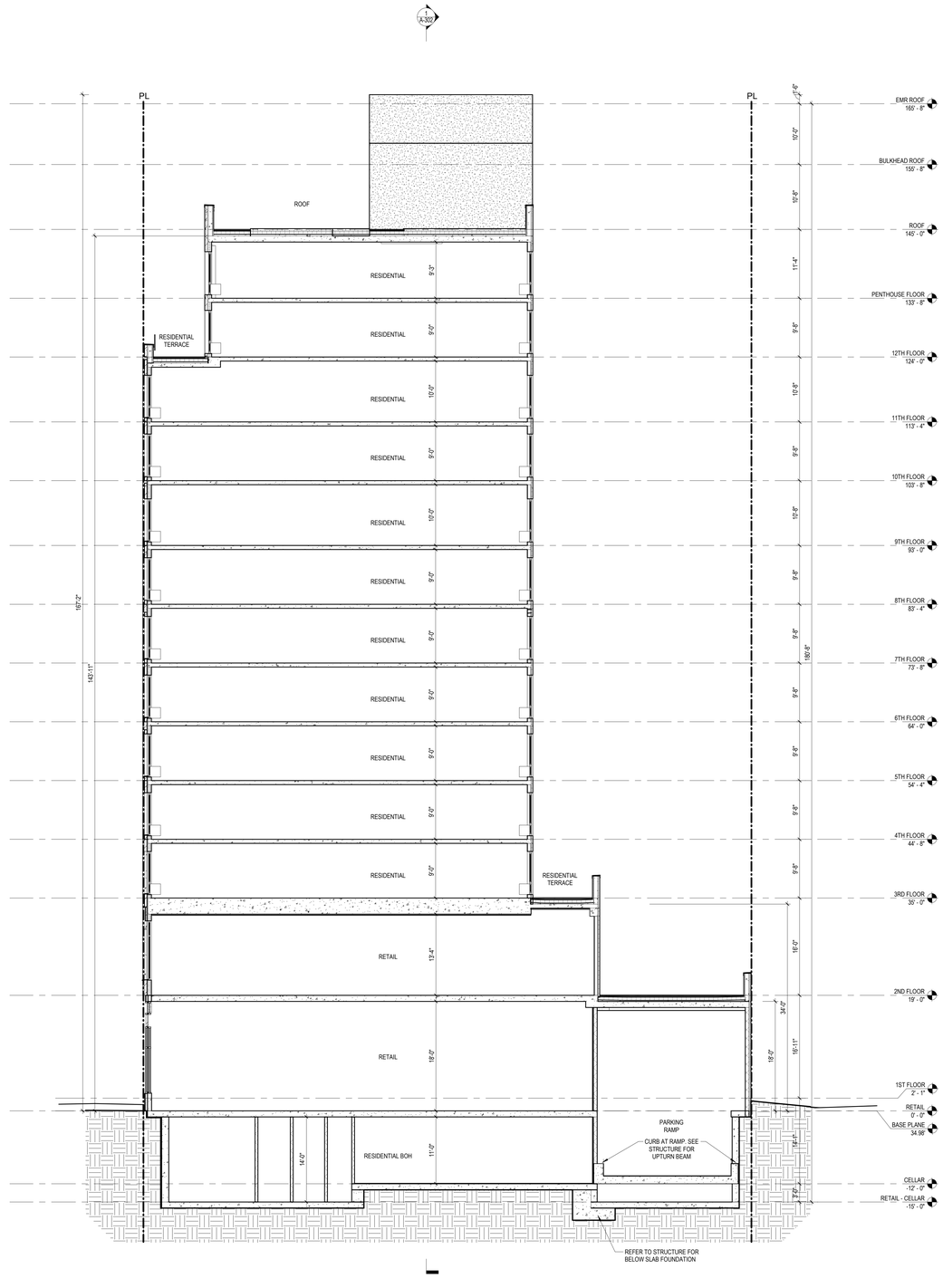
11/7/2025 3:35:07 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

NOTES:

1. ALL ELEVATIONS ARE RELATIVE TO PROJECT BASE POINT.
2. REFER TO A-200 SERIES FOR EXTERIOR FINISHES.
3. REFER TO A-630 FOR EXTERIOR FINISH SCHEDULE.
4. REFER TO A-600 SERIES FOR WALL SECTIONS.

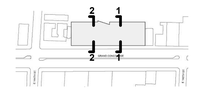


3 TYP. BUILDING SECTION - 10TH FLOOR TERRACE
SCALE: 1/8" = 1'-0"



2 TYP. BUILDING SECTION - 12TH FLOOR TERRACE
SCALE: 1/8" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

BUILDING SECTIONS

SCALE: 1/8" = 1'-0" PAGE: 36 OF 75

A-300.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

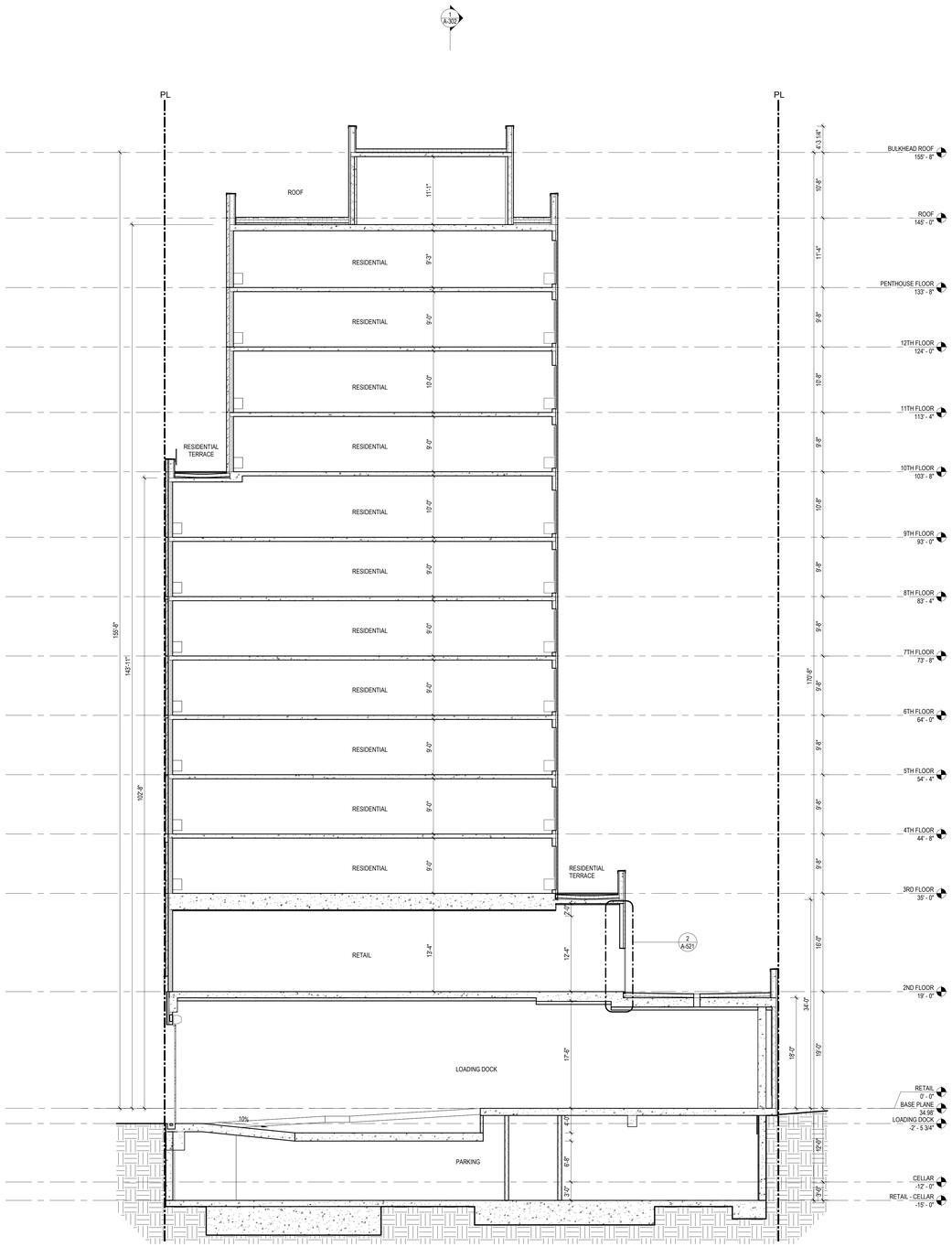
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

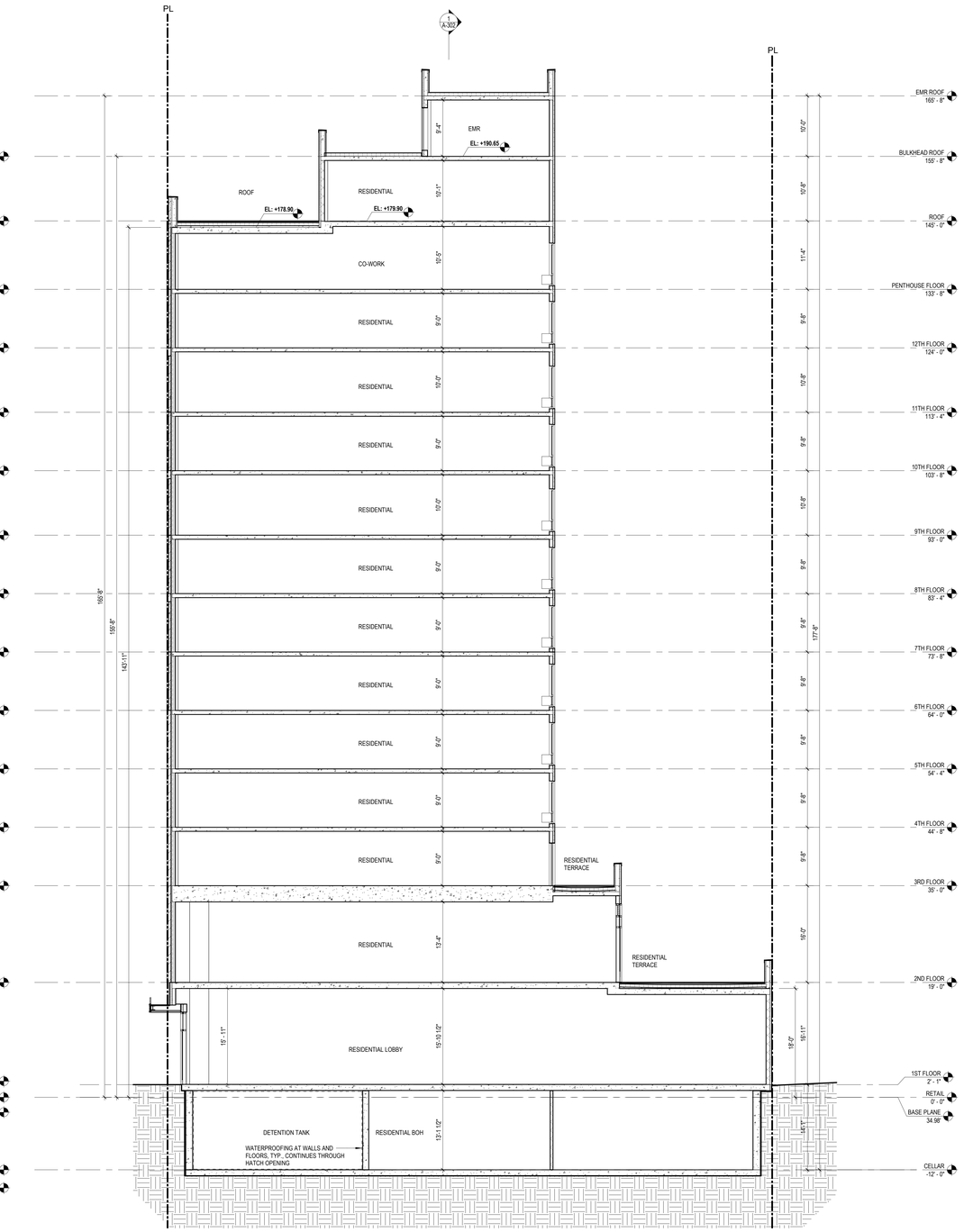
11/10/2025 3:29:30 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

NOTES:

1. ALL ELEVATIONS ARE RELATIVE TO PROJECT BASE POINT.
2. REFER TO A-200 SERIES FOR EXTERIOR FINISHES.
3. REFER TO A-630 FOR EXTERIOR FINISH SCHEDULE.
4. REFER TO A-600 SERIES FOR WALL SECTIONS.

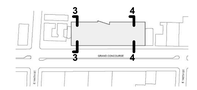


4 TYP. BUILDING SECTION - LOADING DOCK
SCALE: 1/8" = 1'-0"



1 TYP. BUILDING SECTION - 12TH FLOOR TERRACE2
SCALE: 1/8" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

BUILDING SECTIONS

SCALE: 1/8" = 1'-0" PAGE: 37 OF 75

A-301.00

DOB SCAN STICKER

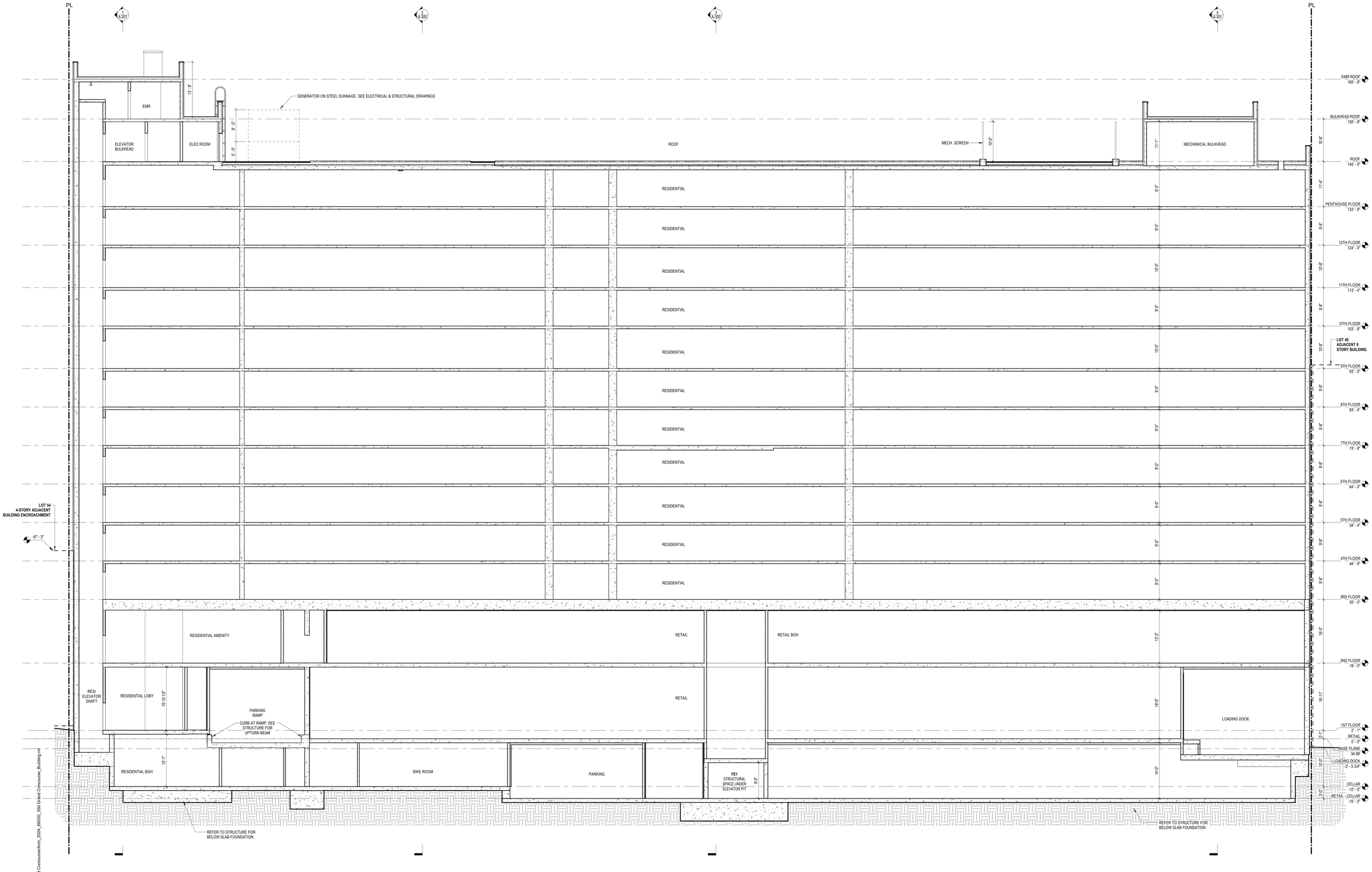
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

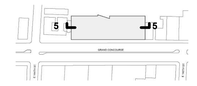
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 3:29:30 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

BUILDING SECTIONS

SCALE: 1/8" = 1'-0" PAGE: 38 OF 75

A-302.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

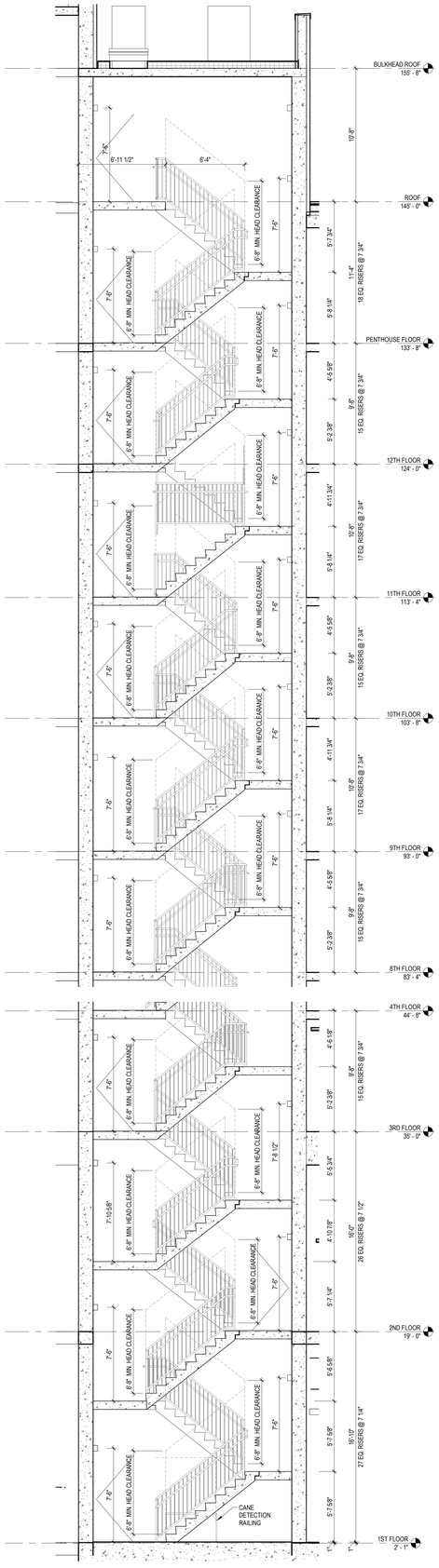
11/10/2025 3:30:41 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

NOTES:

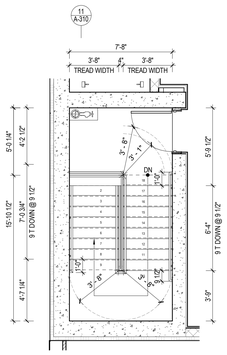
1. DOORS TO BE FIRE RATED AND SELF CLOSING
2. DOORS TO BE OPERABLE FROM BOTH SIDES
3. DOORS TO NOT PROJECT MORE 9" INTO LANDING AT ANY POSITION
4. DOORS FULLY OPENED DO NOT ENCROACH MORE THAN 7" INTO LANDING
5. STAIRWAYS SHALL BE IDENTIFIED AS PER 1019.1.7 "... THE SIGNAGE SHALL ALSO STATE THE STORY OF, AND THE DIRECTION TO THE EXIT DISCHARGE AND THE AVAILABILITY OF ROOF ACCESS FROM THE STAIRWAY FOR THE FIRE DEPARTMENT. EACH STAIR SHALL BE IDENTIFIED BY AN ALPHABETIC LETTER. STAIRWAY IDENTIFICATION SIGNS SHALL BE PROVIDED ON BOTH SIDES OF EACH STAIR DOOR..."
6. SECTION 504.3 - STAIRWAY ACCESS TO THE ROOF SHALL BE IN ACCORDANCE WITH CHAPTER 10 OF 2008 B.C.. SUCH STAIR SHALL BE MARKED AT THE STREET AND FLOOR LEVELS WITH A SIGN INDICATING THAT THE STAIRWAY CONTINUES TO THE ROOF.

STAIR A

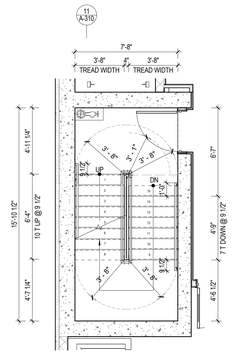
NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



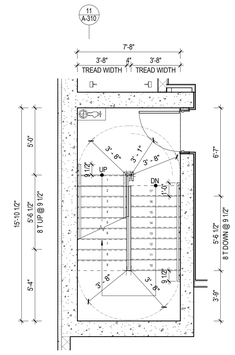
11 STAIR A - SECTION
SCALE: 1/4" = 1'-0"



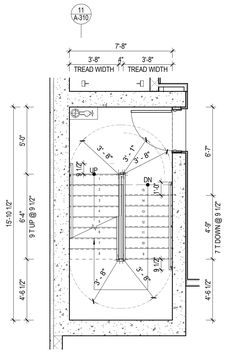
9 ENLARGED STAIR A PLAN - ROOF FLOOR
SCALE: 1/4" = 1'-0"



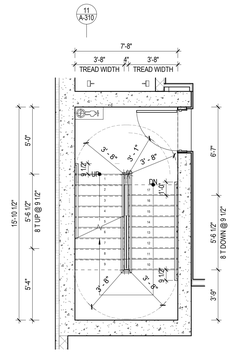
8 ENLARGED STAIR A PLAN - PENTHOUSE FLOOR
SCALE: 1/4" = 1'-0"



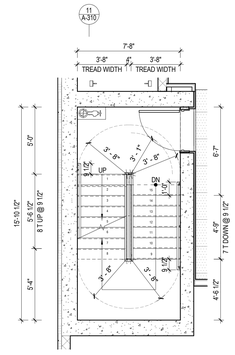
7 ENLARGED STAIR A PLAN - 12TH FLOOR
SCALE: 1/4" = 1'-0"



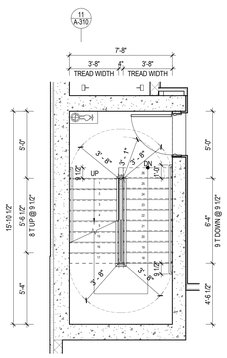
6 ENLARGED STAIR A PLAN - 11TH FLOOR
SCALE: 1/4" = 1'-0"



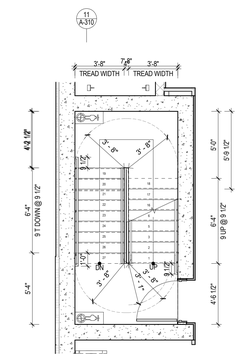
5 ENLARGED STAIR A PLAN - 10TH FLOOR
SCALE: 1/4" = 1'-0"



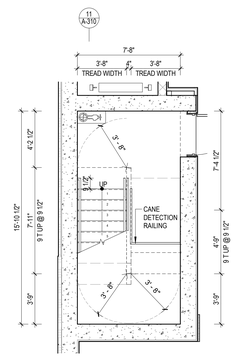
4 ENLARGED STAIR A PLAN - 7TH - 9TH FLOOR
SCALE: 1/4" = 1'-0"



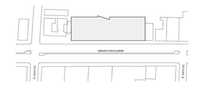
3 ENLARGED STAIR A PLAN - 3ND - 6TH FLOOR
SCALE: 1/4" = 1'-0"



2 ENLARGED STAIR A PLAN - 2ND FLOOR
SCALE: 1/4" = 1'-0"



1 ENLARGED STAIR A PLAN - 1ST FLOOR
SCALE: 1/4" = 1'-0"



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192591-I1

DRAWING TITLE:

STAIR A - ENLARGED STAIR PLANS AND SECTIONS

SCALE: As indicated PAGE: 39 OF 75

A-310.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

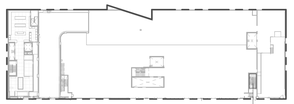
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

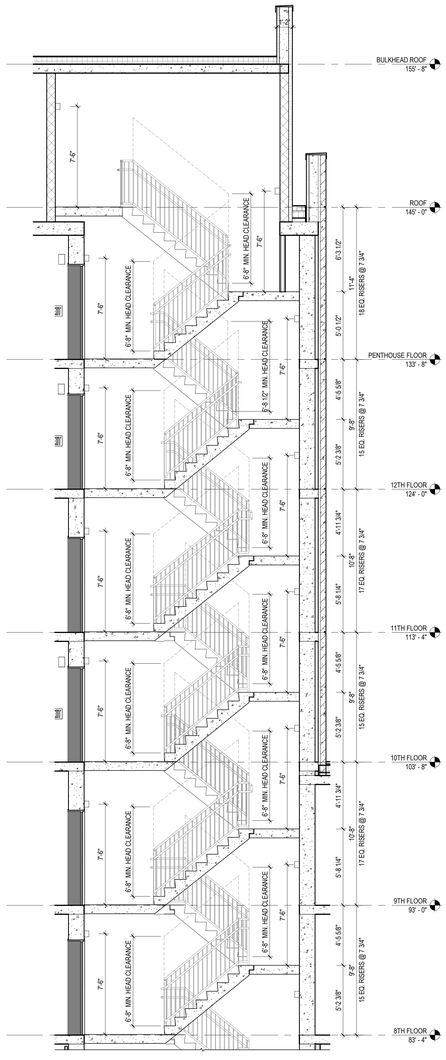
11/10/2025 8:22:02 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

NOTES:

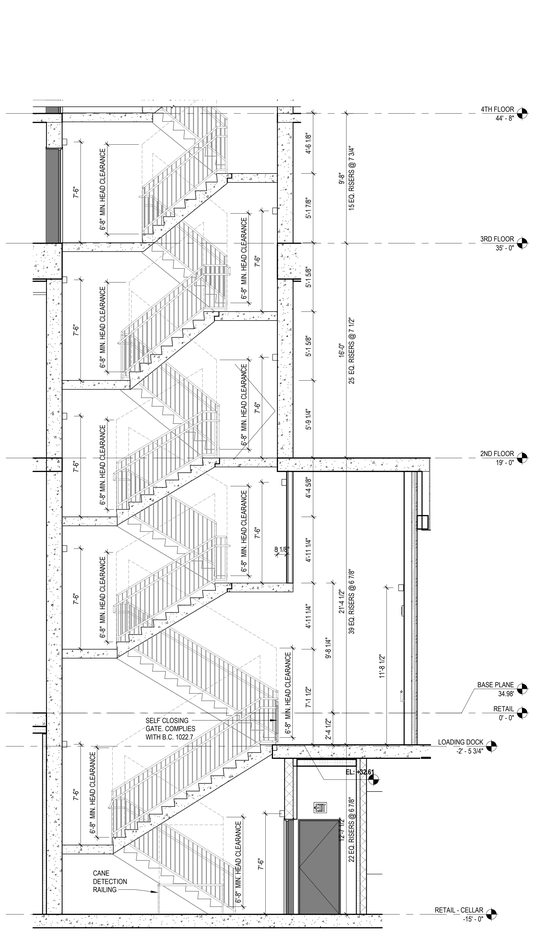
1. DOORS TO BE FIRE RATED AND SELF CLOSING
2. DOORS TO BE OPERABLE FROM BOTH SIDES
3. DOORS TO NOT PROJECT MORE 9" INTO LANDING AT ANY POSITION
4. DOORS FULLY OPENED DO NOT ENCROACH MORE THAN 7" INTO LANDING
5. STAIRWAYS SHALL BE IDENTIFIED AS PER 1019.1.7 "... THE SIGNAGE SHALL ALSO STATE THE STORY OF, AND THE DIRECTION TO THE EXIT DISCHARGE AND THE AVAILABILITY OF ROOF ACCESS FROM THE STAIRWAY FOR THE FIRE DEPARTMENT. EACH STAIR SHALL BE IDENTIFIED BY AN ALPHABETIC LETTER. STAIRWAY IDENTIFICATION SIGNS SHALL BE PROVIDED ON BOTH SIDES OF EACH STAIR DOOR..."
6. SECTION 504.3 - STAIRWAY ACCESS TO THE ROOF SHALL BE IN ACCORDANCE WITH CHAPTER 10 OF 2008 B.C.. SUCH STAIR SHALL BE MARKED AT THE STREET AND FLOOR LEVELS WITH A SIGN INDICATING THAT THE STAIRWAY CONTINUES TO THE ROOF.



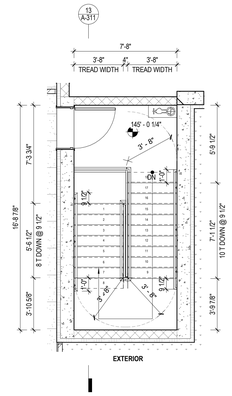
STAIR B



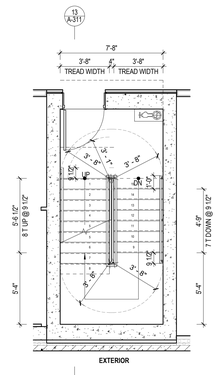
13 | STAIR SECTION B - 1 - 8TH FLOOR TO ROOF
SCALE: 1/4" = 1'-0"



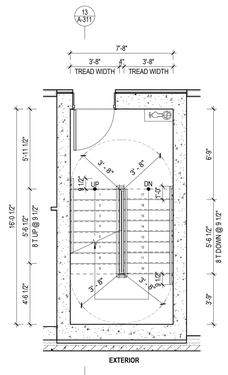
12 | STAIR SECTION B - 1 - CELLAR TO 8TH FLOOR
SCALE: 1/4" = 1'-0"



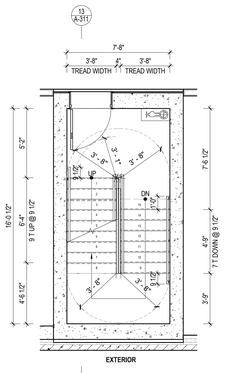
11 | ENLARGED STAIR B PLAN - ROOF FLOOR
SCALE: 1/4" = 1'-0"



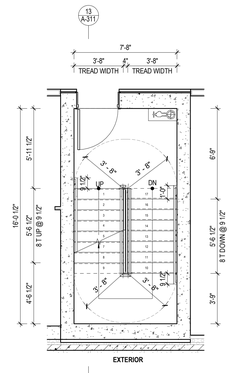
10 | ENLARGED STAIR B PLAN - PENTHOUSE FLOOR
SCALE: 1/4" = 1'-0"



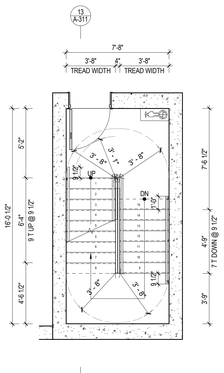
9 | ENLARGED STAIR B PLAN - 12TH FLOOR
SCALE: 1/4" = 1'-0"



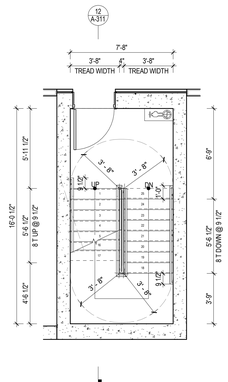
8 | ENLARGED STAIR B PLAN - 11TH FLOOR
SCALE: 1/4" = 1'-0"



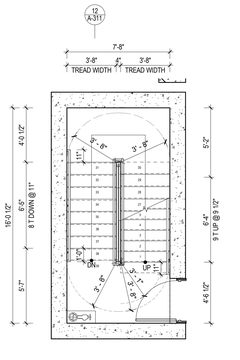
7 | ENLARGED STAIR B PLAN - 10TH FLOOR
SCALE: 1/4" = 1'-0"



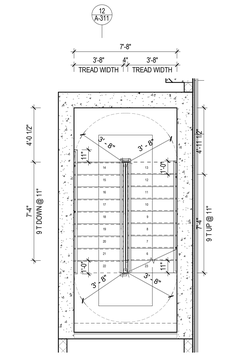
6 | ENLARGED STAIR B PLAN - 7TH-9TH FLOOR
SCALE: 1/4" = 1'-0"



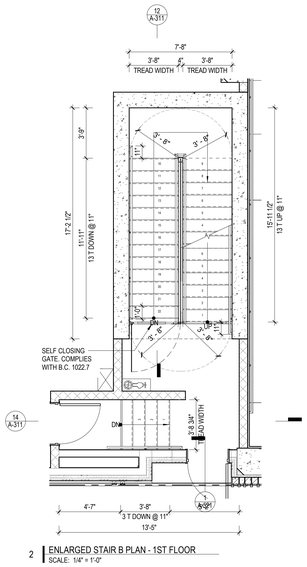
5 | ENLARGED STAIR B PLAN - 3RD-6TH FLOOR
SCALE: 1/4" = 1'-0"



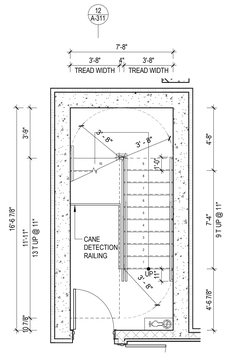
4 | ENLARGED STAIR B PLAN - 2ND FLOOR
SCALE: 1/4" = 1'-0"



3 | ENLARGED STAIR B PLAN - 1ST FLOOR 02
SCALE: 1/4" = 1'-0"

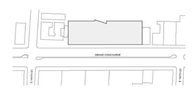


2 | ENLARGED STAIR B PLAN - 1ST FLOOR
SCALE: 1/4" = 1'-0"



1 | ENLARGED STAIR B PLAN - CELLAR
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

STAIR B - ENLARGED STAIR PLANS AND SECTIONS

SCALE: As indicated PAGE: 40 OF 75

A-311.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

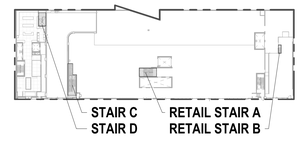
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

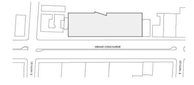
11/7/2025 11:30:43 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

NOTES:

1. DOORS TO BE FIRE RATED AND SELF CLOSING
2. DOORS TO BE OPERABLE FROM BOTH SIDES
3. DOORS TO NOT PROJECT MORE 9" INTO LANDING AT ANY POSITION
4. DOORS FULLY OPENED DO NOT ENCROACH MORE THAN 7" INTO LANDING
5. STAIRWAYS SHALL BE IDENTIFIED AS PER 1019.1.7 "... THE SIGNAGE SHALL ALSO STATE THE STORY OF, AND THE DIRECTION TO THE EXIT DISCHARGE AND THE AVAILABILITY OF ROOF ACCESS FROM THE STAIRWAY FOR THE FIRE DEPARTMENT. EACH STAIR SHALL BE IDENTIFIED BY AN ALPHABETIC LETTER. STAIRWAY IDENTIFICATION SIGNS SHALL BE PROVIDED ON BOTH SIDES OF EACH STAIR DOOR..."
6. SECTION 504.3 - STAIRWAY ACCESS TO THE ROOF SHALL BE IN ACCORDANCE WITH CHAPTER 10 OF 2008 B.C.. SUCH STAIR SHALL BE MARKED AT THE STREET AND FLOOR LEVELS WITH A SIGN INDICATING THAT THE STAIRWAY CONTINUES TO THE ROOF.



NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

STAIR RETAIL A, B, C, D - ENLARGED STAIR PLANS AND SECTIONS

SCALE: As indicated PAGE: 41 OF 75

A-312.00

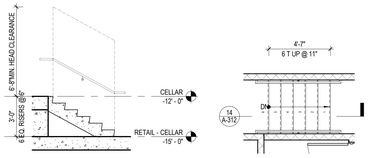
DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

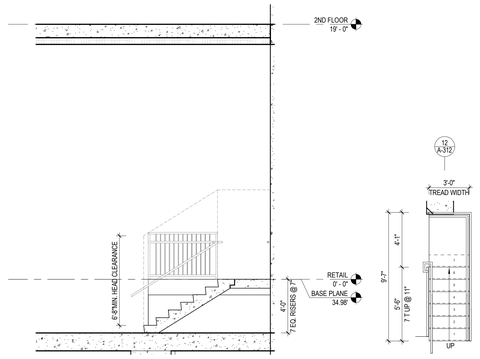
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

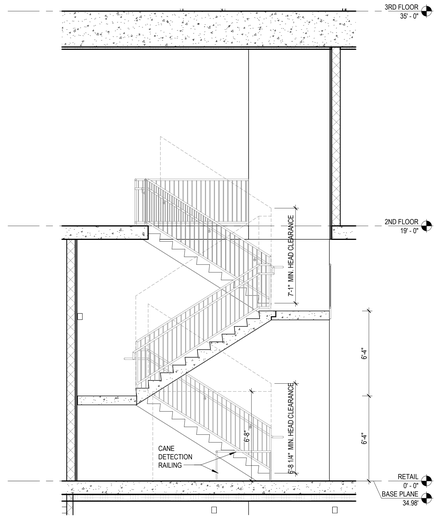


14 CELLAR STAIR
SCALE: 1/4" = 1'-0"

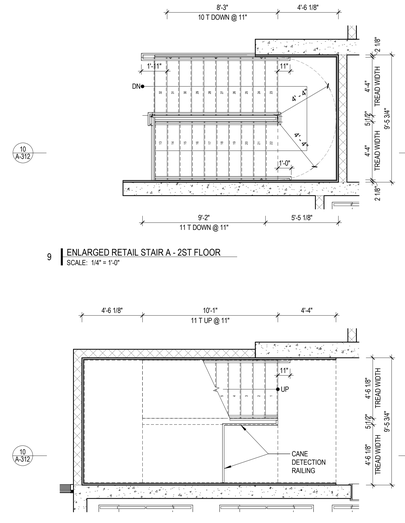
13 CELLAR STAIR PLAN
SCALE: 1/4" = 1'-0"



12 RETAIL STAIR B SECTION
SCALE: 1/4" = 1'-0"



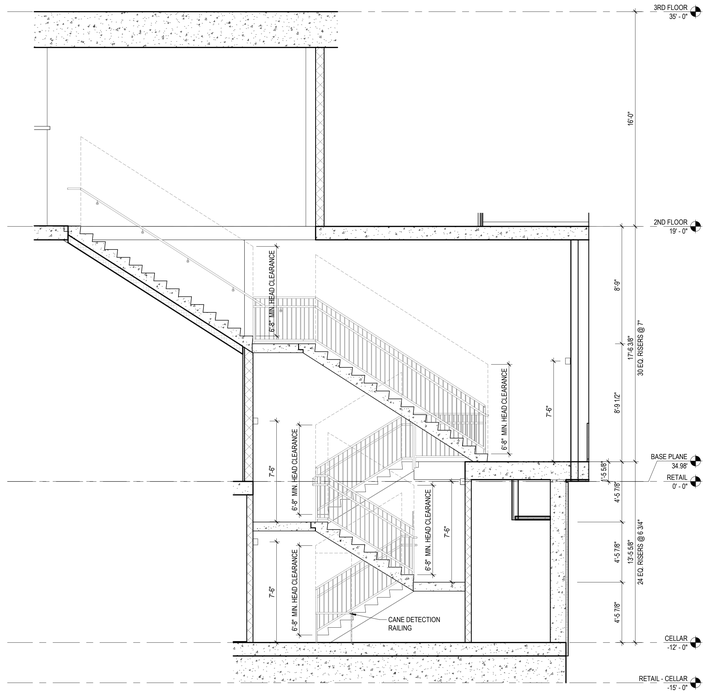
11 RETAIL STAIR B PLAN
SCALE: 1/4" = 1'-0"



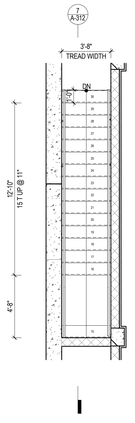
10 RETAIL STAIR A SECTION - RETAIL CELLAR TO RETAIL
SCALE: 1/4" = 1'-0"

9 ENLARGED RETAIL STAIR A - 2ST FLOOR
SCALE: 1/4" = 1'-0"

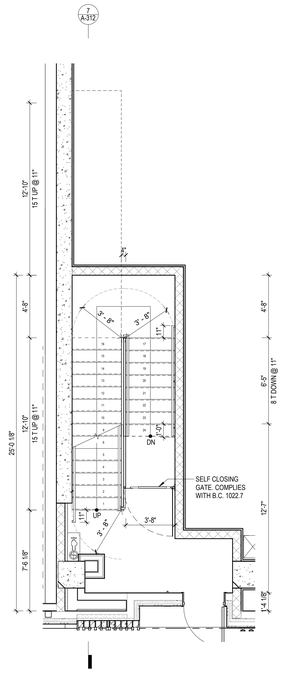
8 ENLARGED RETAIL STAIR A - 1ST FLOOR
SCALE: 1/4" = 1'-0"



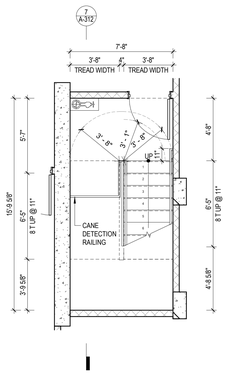
7 STAIR SECTION C
SCALE: 1/4" = 1'-0"



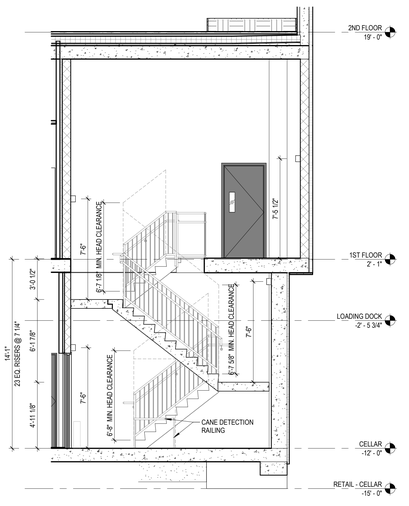
6 ENLARGED STAIR C PLAN - 2ND FLOOR
SCALE: 1/4" = 1'-0"



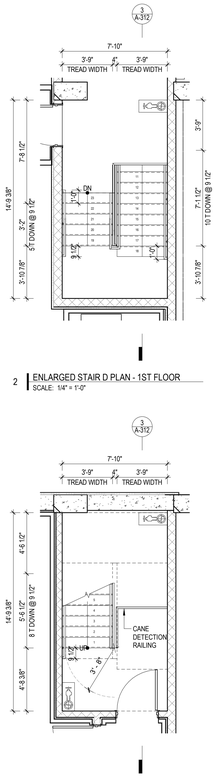
5 ENLARGED STAIR C PLAN - 1ST FLOOR
SCALE: 1/4" = 1'-0"



4 ENLARGED STAIR C PLAN - CELLAR FLOOR
SCALE: 1/4" = 1'-0"



3 STAIR SECTION D
SCALE: 1/4" = 1'-0"

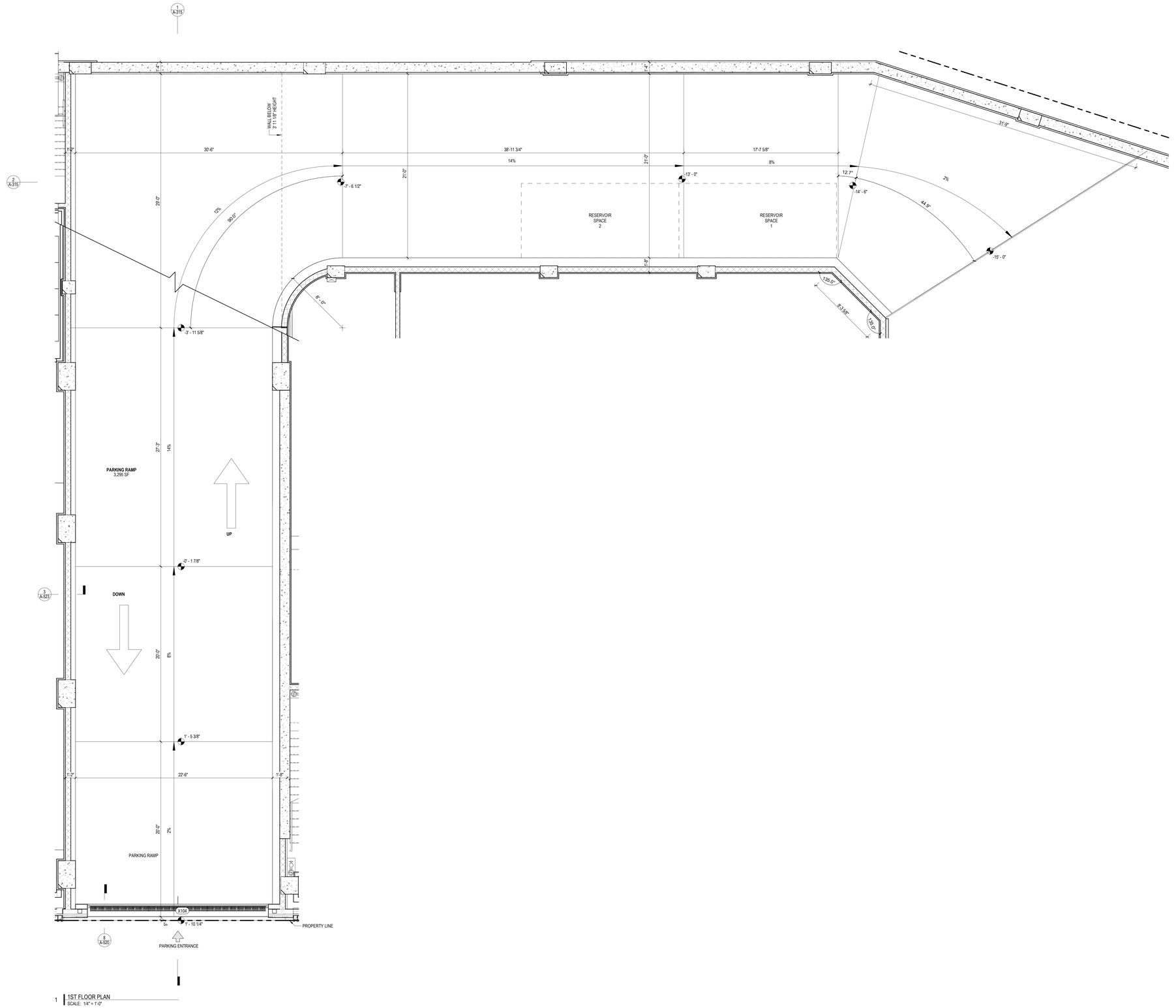


2 ENLARGED STAIR D PLAN - 1ST FLOOR
SCALE: 1/4" = 1'-0"

1 ENLARGED STAIR D PLAN - CELLAR FLOOR
SCALE: 1/4" = 1'-0"

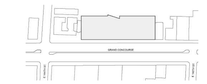
11/7/2025 11:30:47 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

VEHICULAR SAFETY MARKINGS AND SIGNAGE PROVIDED BY OTHERS



1 1ST FLOOR PLAN
SCALE: 1/4" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

RAMP- PARKING GARAGE - ENLARGED PLAN

SCALE: 1/4" = 1'-0" PAGE: 47 OF 75

A-314.00

DOB SCAN STICKER

SEAL

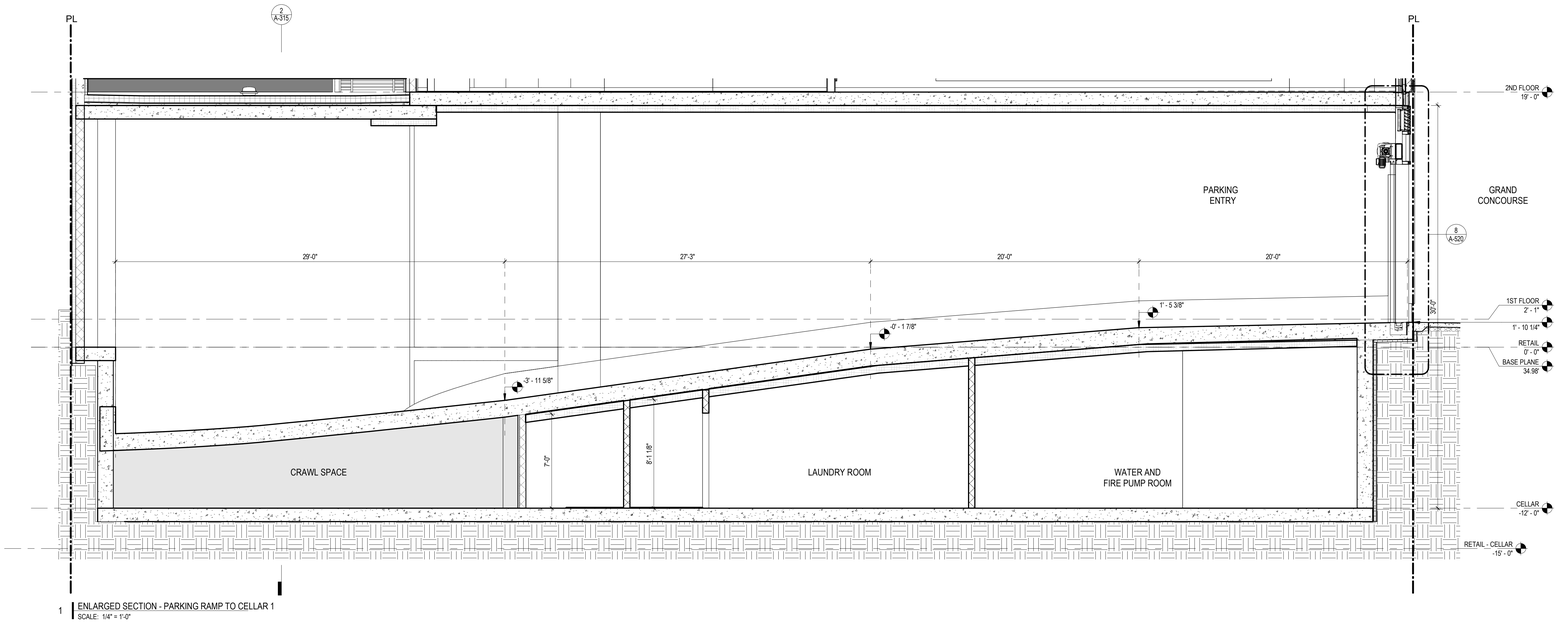
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

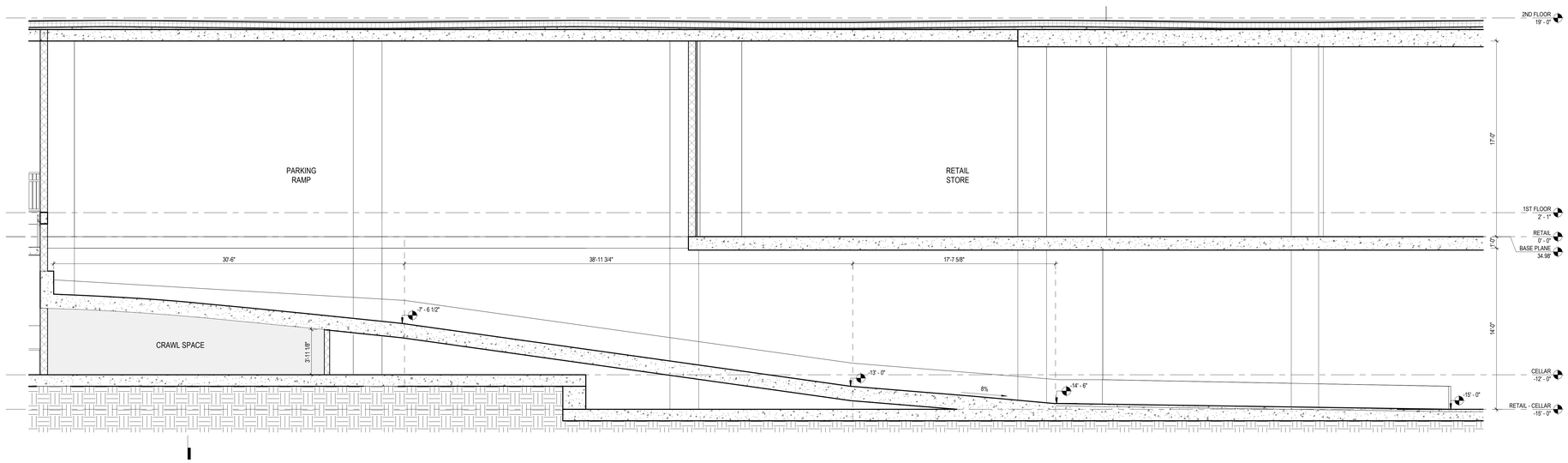
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 3:46:40 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

VEHICULAR SAFETY MARKINGS AND SIGNAGE PROVIDED BY OTHERS

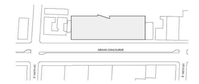


1 ENLARGED SECTION - PARKING RAMP TO CELLAR 1
SCALE: 1/4" = 1'-0"



2 ENLARGED SECTION - PARKING RAMP TO CELLAR 2
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

RAMP - PARKING GARAGE - ENLARGED SECTIONS

SCALE: 1/4" = 1'-0" PAGE: 47 OF 75

A-315.00

DOB SCAN STICKER

SEAL

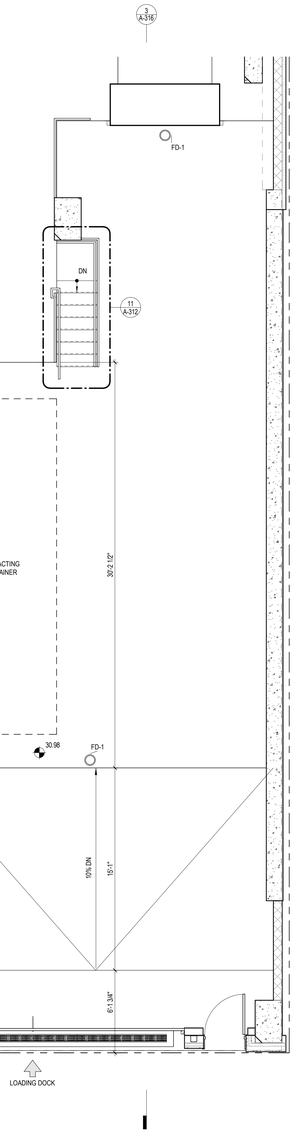
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

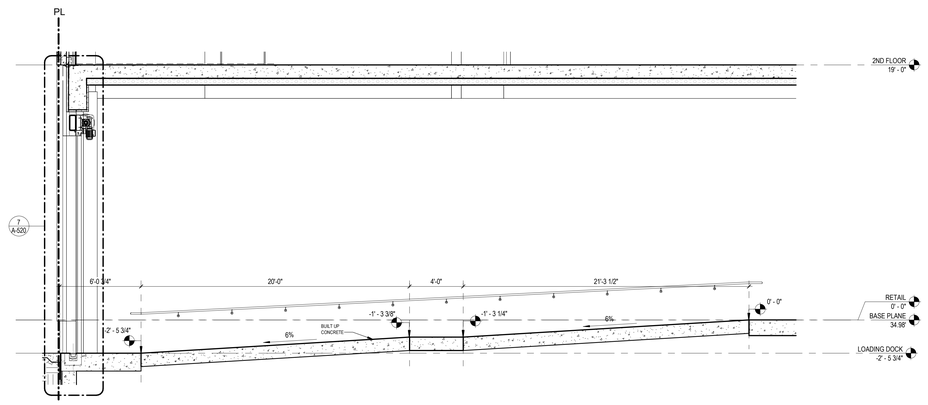
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 11:30:48 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

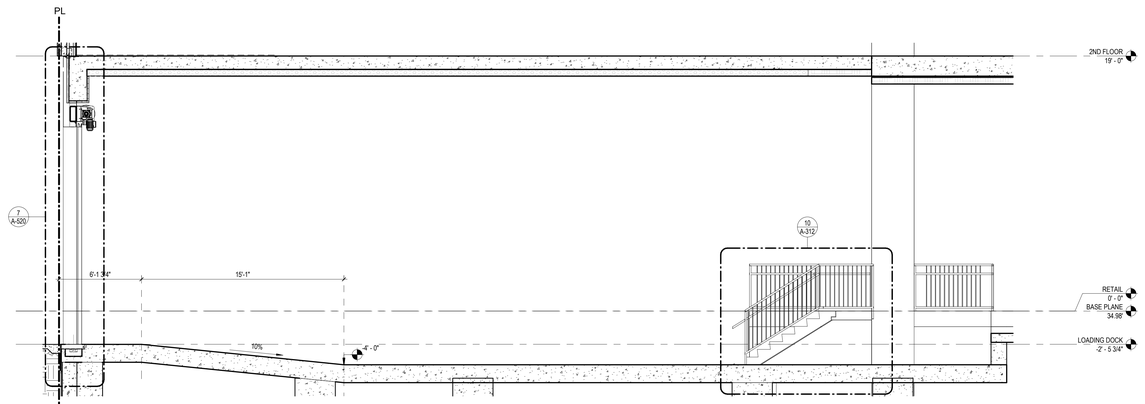
VEHICULAR SAFETY MARKINGS AND SIGNAGE PROVIDED BY OTHERS



1 LOADING DOCK RAMP PLAN
SCALE: 1/4" = 1'-0"

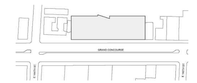


2 RETAIL RAMP A - SECTION
SCALE: 1/4" = 1'-0"



3 LOADING DOCK RAMP SECTION
SCALE: 1/4" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	100% CD ISSUANCE
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

RAMP - LOADING DOCK - ENLARGED PLANS AND SECTIONS

SCALE: 1/4" = 1'-0" PAGE: 47 OF 75

A-316.00

DOB SCAN STICKER

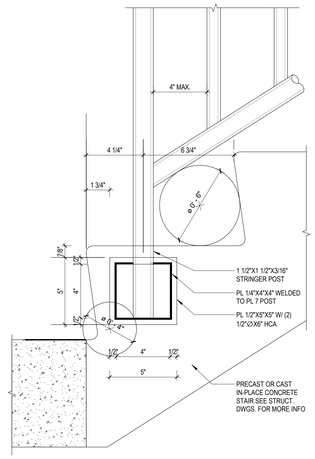
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

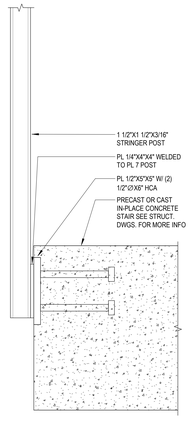
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

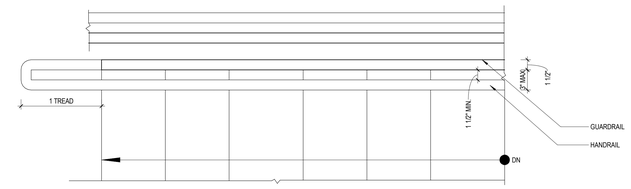
1/7/2025 11:39:50 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



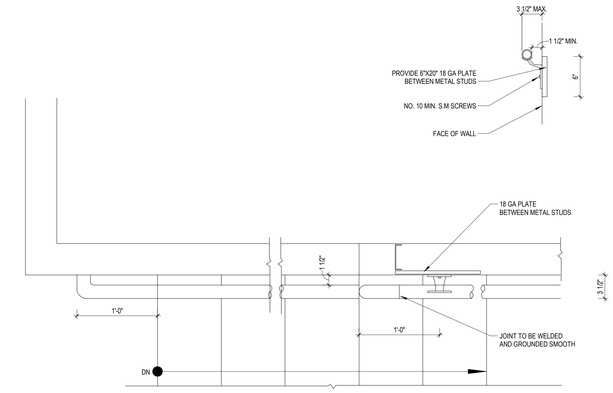
3 TYP. STAIR DETAIL - POST MOUNTING ELEVATION
SCALE: 3" = 1'-0"



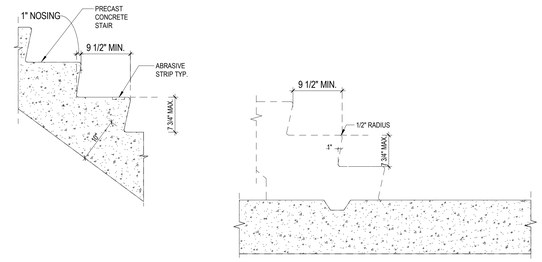
9 TYP. STAIR DETAIL - POST MOUNTING SECTION
SCALE: 3" = 1'-0"



6 TYP. STAIR DETAIL - HANDRAIL EXTENTION - PLAN
SCALE: 1 1/2" = 1'-0"



5 TYP. STAIR DETAIL - WALL MOUNTED HANDRAIL - PLAN
SCALE: 1 1/2" = 1'-0"

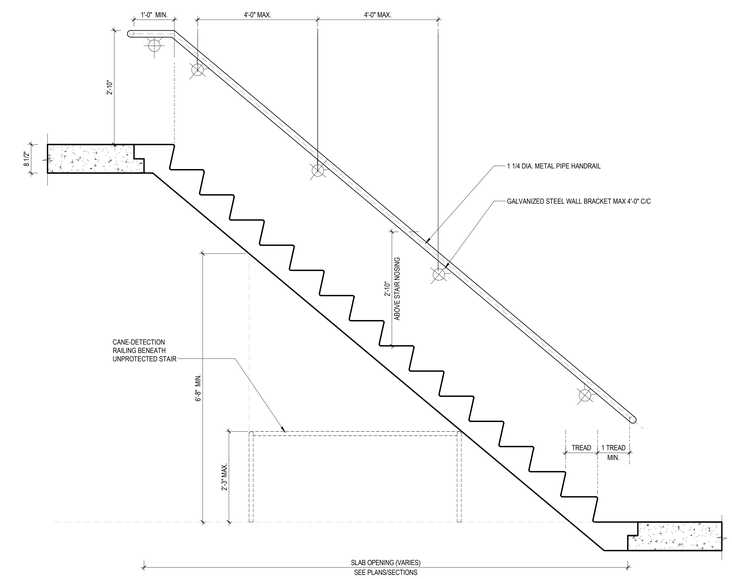


NOTE: REFER TO STRUCTURAL DWGS FOR REINFORCING & CONSTRUCTION

4 TYP. STAIR DETAIL - TREAD AND RISER
SCALE: 1" = 1'-0"

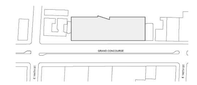
NOTE: ALL WELDS TO BE GROUND SMOOTH

2 TYP. STAIR DETAIL - GUARDRAIL
SCALE: 1 1/2" = 1'-0"



1 STAIR TYPICAL SECTION
SCALE: 3/4" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

STAIR DETAILS

SCALE: As indicated PAGE: 43 OF 75

A-320.00

DOB SCAN STICKER

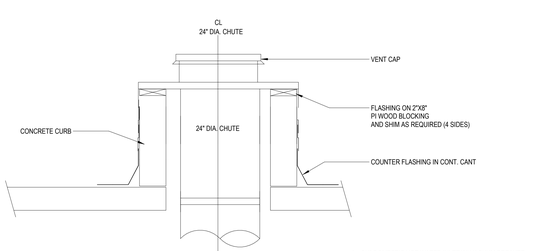
SEAL

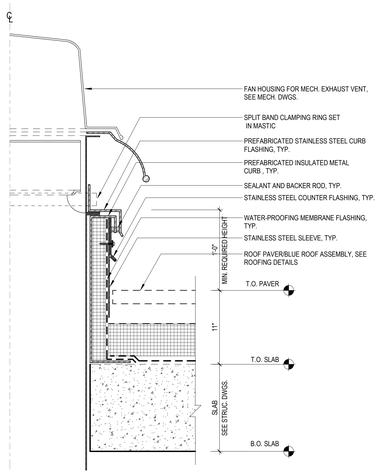
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

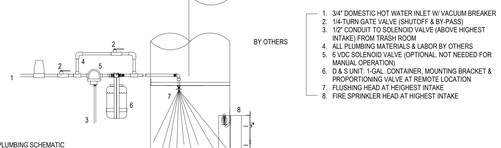
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 3:44:43 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

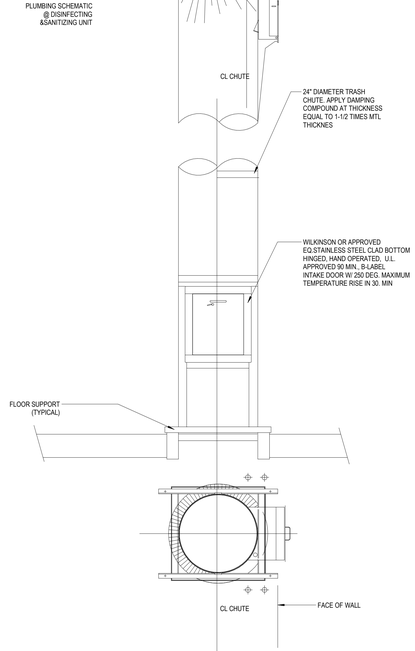




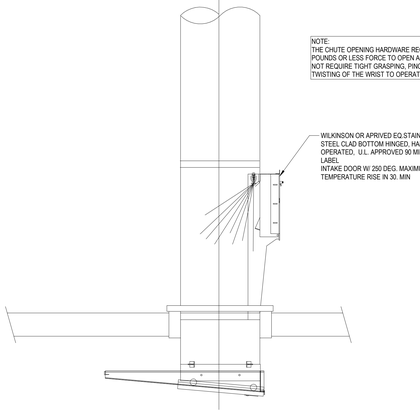


BY OTHERS

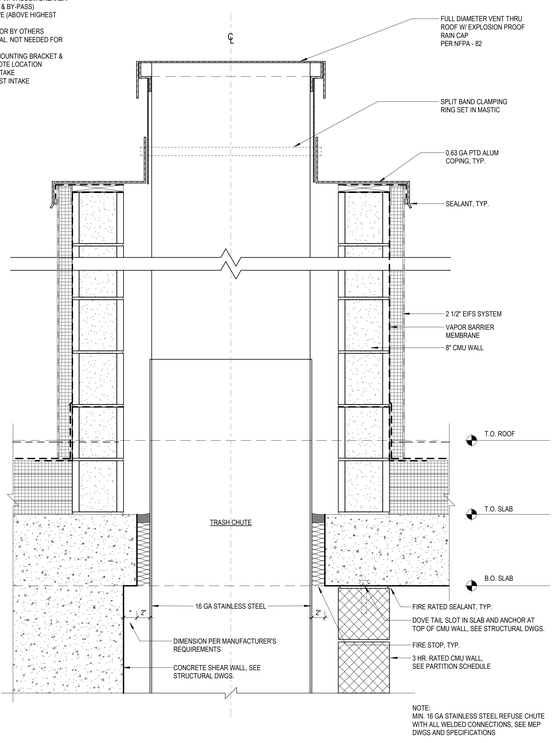
1. 3/4" DOMESTIC HOT WATER INLET W/ VACUUM BREAKER
2. 1/4-TURN GATE VALVE (SHUTOFF & BY-PASS)
3. 1/2" CONDUIT TO SOLENOID VALVE (ABOVE HIGHEST INTAKE) FROM TRASH ROOM
4. ALL PLUMBING MATERIALS & LABOR BY OTHERS
5. 6 VDC SOLENOID VALVE (OPTIONAL, NOT NEEDED FOR MANUAL OPERATION)
6. D & S UNIT: 1-GAL. CONTAINER, MOUNTING BRACKET & PROPORTIONING VALVE AT REMOTE LOCATION
7. FLUSHING HEAD AT HEIGHEST INTAKE
8. FIRE SPRINKLER HEAD AT HIGHEST INTAKE



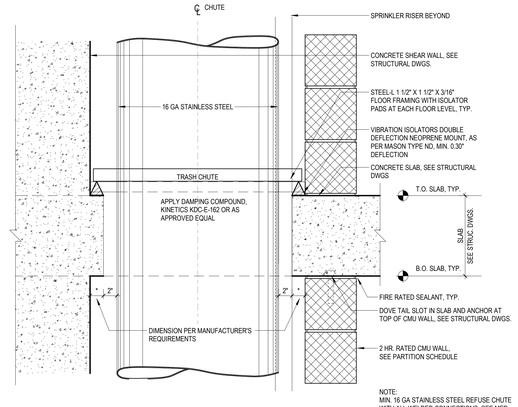
NOTE:
THE CHUTE OPENING HARDWARE REQUIRE 5 POUNDS OR LESS FORCE TO OPEN AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE.



11 TRASH CHUTE SECTION DETAIL
SCALE: 1" = 1'-0"

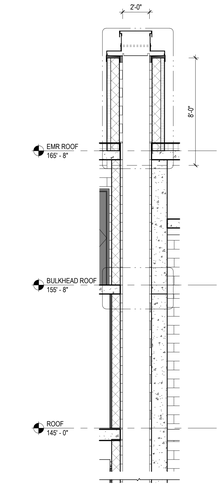


NOTE:
MIN. 16 GA STAINLESS STEEL REFUSE CHUTE WITH ALL WELDED CONNECTIONS, SEE MEP DWGS AND SPECIFICATIONS



NOTE:
MIN. 16 GA STAINLESS STEEL REFUSE CHUTE WITH ALL WELDED CONNECTIONS, SEE MEP DWGS AND SPECIFICATIONS

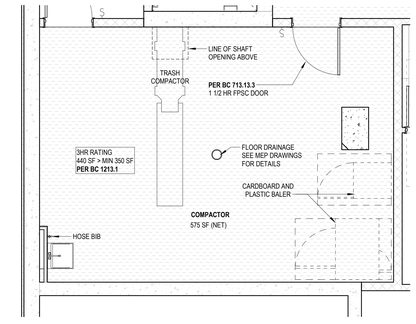
4 TYP. DETAIL @ TRASH CHUTE CONC. FLOOR OPENING
SCALE: 1 1/2" = 1'-0"



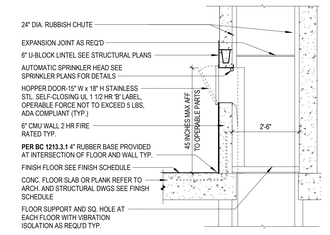
12 TRASH CHUTE SECTION
SCALE: 1/4" = 1'-0"

GENERAL NOTE

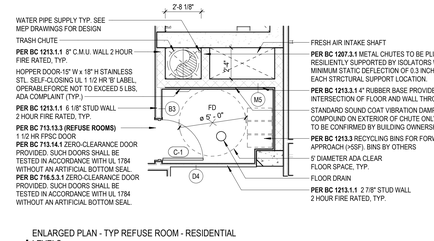
1. THE 2022 NYC CODE REQUIRES METAL CHUTES TO BE PLUM AND RESILIENTLY SUPPORTED BY ISOLATORS WITH A MINIMUM STATIC DEFLECTION OF 0.3 INCHES AT EACH STRUCTURAL SUPPORT LOCATION. ADDITIONALLY THE MANUFACTURER'S DAMPING COMPOUND SHOULD BE APPLIED TO THE CHUTE.
2. HOPPER DOOR 15"W x 18" H STAINLESS STEEL SELF-CLOSING UL 1 1/2 HR 'B' LABEL.
3. TRASH CHUTE OPERABLE PARTS TO BE 48" A.F.F. MAXIMUM.
4. 5 POUNDS MAXIMUM OPERATING FORCE, HANDLE DOES NOT REQUIRE PINCHING, TWISTING OF THE WRIST OR TIGHT GRIP TO OPERATE.



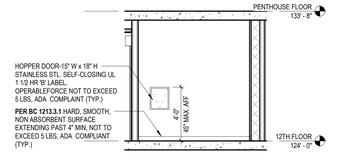
5 COMPACTOR ROOM PLAN
SCALE: 1/4" = 1'-0"



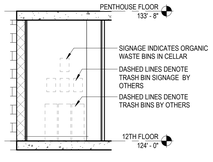
3 TYP. TRASH CHUTE DETAIL
SCALE: 1/2" = 1'-0"



1 ENLARGED PLAN - TYP REFUSE ROOM - RESIDENTIAL LEVELS
SCALE: 1/4" = 1'-0"

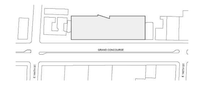


13 TYPICAL REFUSE ROOM ELEVATION 1
SCALE: 1/4" = 1'-0"



14 TYPICAL REFUSE ROOM ELEVATION 2
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

TRASH CHUTE AND REFUSE ROOM - PLAN AND SECTIONS

SCALE: As indicated PAGE: 48 OF 75

A-360.00

DOB SCAN STICKER

SEAL

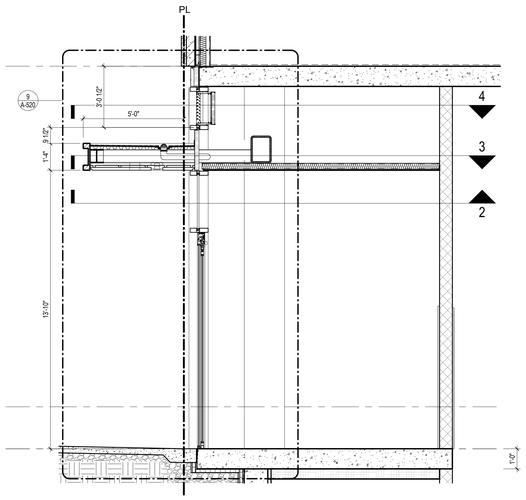
CONSTRUCTION DOCUMENTS NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

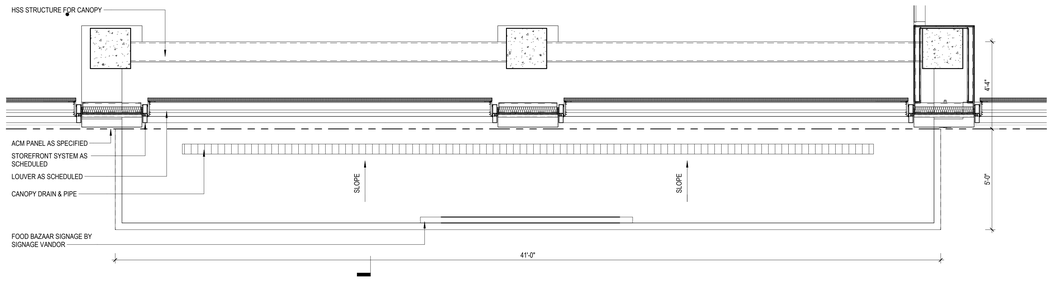
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 11:00:01 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

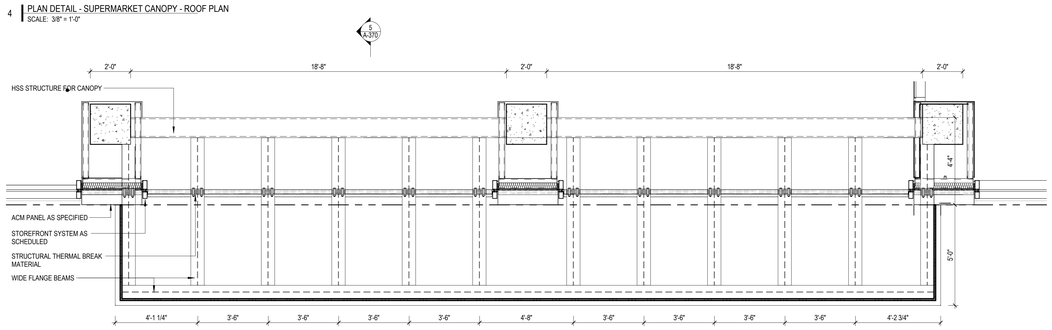
6 ELEVATION - SUPERMARKET CANOPY
SCALE: 3/8" = 1'-0"



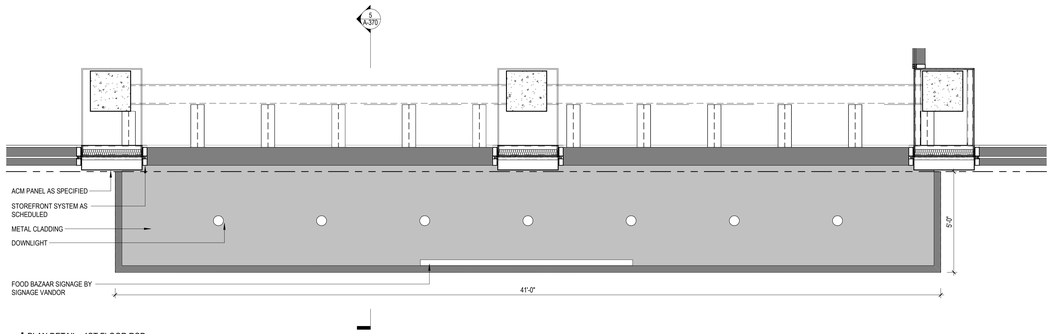
5 SECTION DETAIL - SUPERMARKET CANOPY
SCALE: 3/8" = 1'-0"



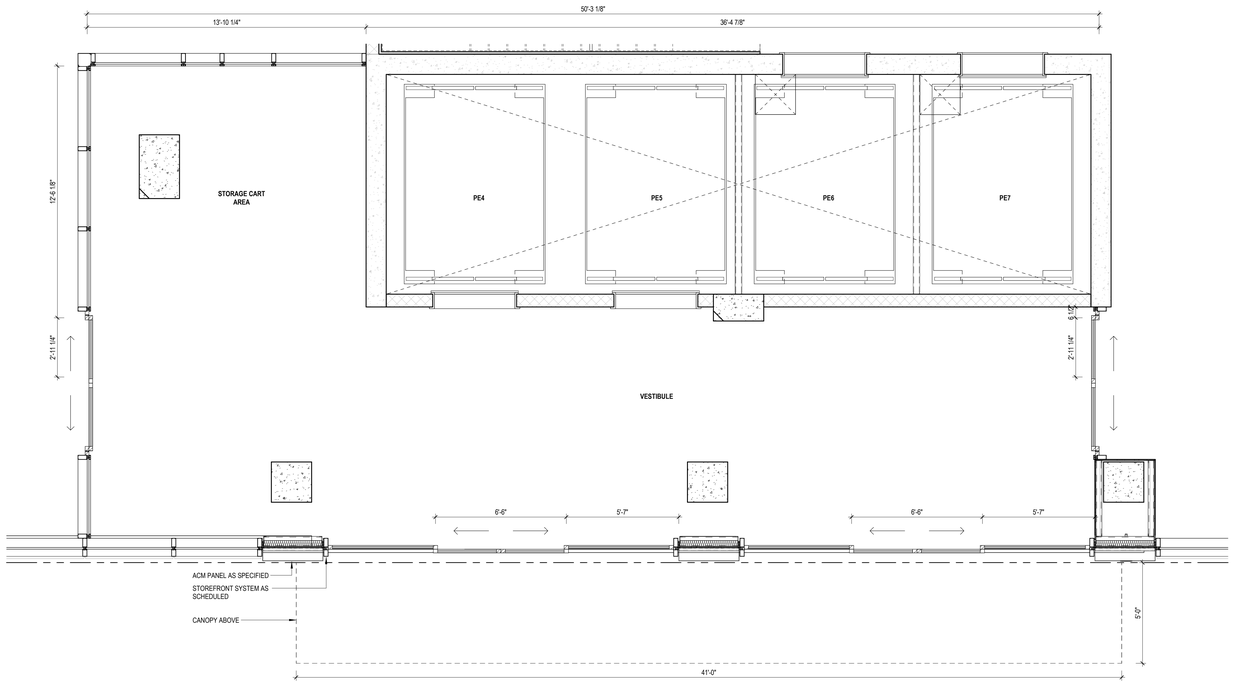
4 PLAN DETAIL - SUPERMARKET CANOPY - ROOF PLAN
SCALE: 3/8" = 1'-0"



3 PLAN DETAIL - SUPERMARKET CANOPY - STRUCTURE
SCALE: 3/8" = 1'-0"

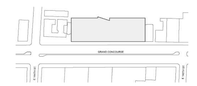


2 PLAN DETAIL - 1ST FLOOR RCP
SCALE: 3/8" = 1'-0"



1 PLAN DETAIL - SUPERMARKET CANOPY - FLOOR PLAN
SCALE: 3/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

RETAIL CANOPY PLANS AND ELEVATIONS

SCALE: 3/8" = 1'-0" PAGE: 48 OF 75

A-370.00

DOB SCAN STICKER

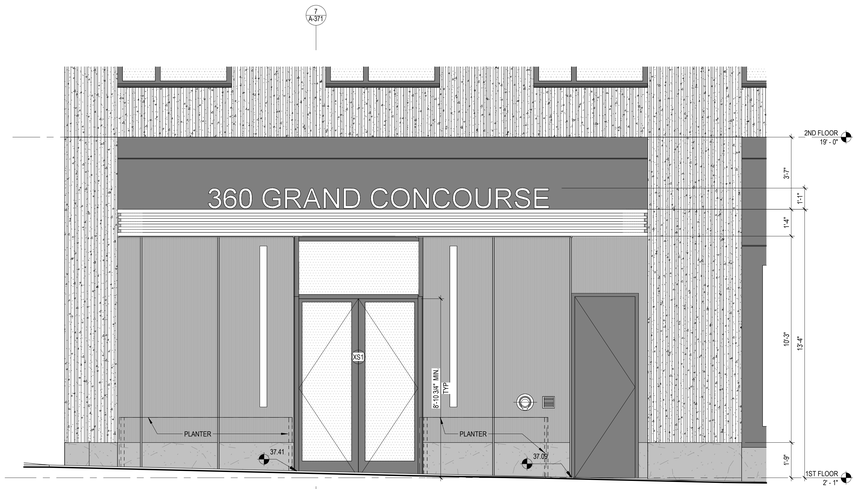
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

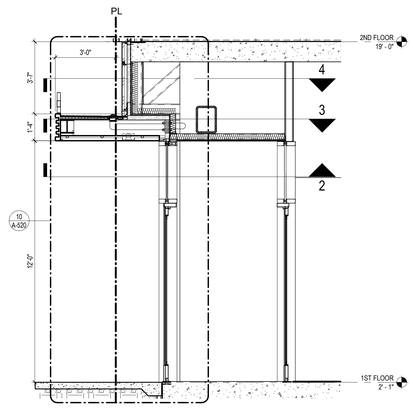
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

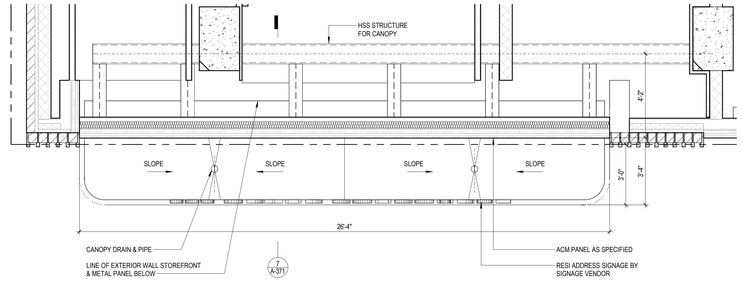
11/10/2025 4:25:49 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



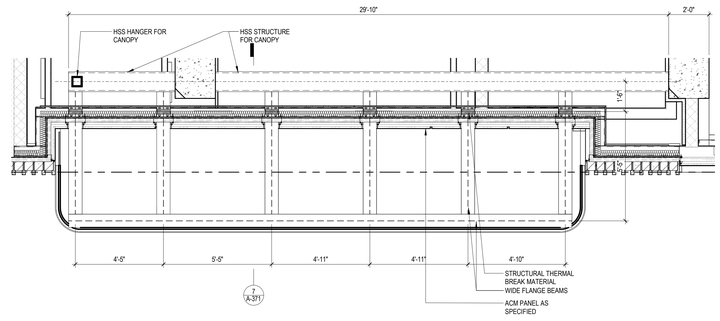
5 ELEVATION - RESIDENTIAL CANOPY
SCALE: 3/8" = 1'-0"



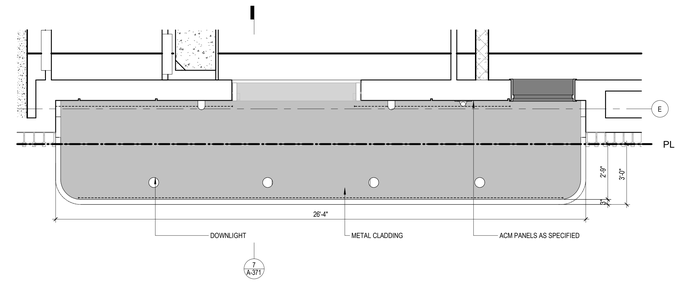
7 SECTION DETAIL - RESIDENTIAL CANOPY
SCALE: 3/8" = 1'-0"



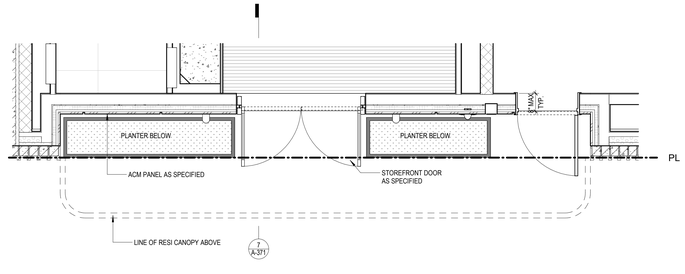
4 PLAN DETAIL - RESIDENTIAL CANOPY - ROOF PLAN
SCALE: 3/8" = 1'-0"



3 PLAN DETAIL - RESIDENTIAL CANOPY - STRUCTURE
SCALE: 3/8" = 1'-0"

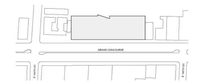


2 1ST FLOOR REFLECTED CEILING PLAN - RESI CANOPY
SCALE: 3/8" = 1'-0"



1 PLAN DETAIL - RESIDENTIAL CANOPY - FLOOR PLAN
SCALE: 3/8" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

RESIDENTIAL CANOPY PLANS AND ELEVATIONS

SCALE: 3/8" = 1'-0" PAGE:

A-371.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 4:25:59 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

RCP NOTES

NOTES:
1. ALL LIGHT FIXTURES ARE DIMENSIONED TO CENTER LINE, UON
2. DIMENSIONS SHOWN IN INDIVIDUAL BATHROOM AND KITCHEN TYPES ARE TYPICAL
3. LIGHT FIXTURE L03 (BATHROOM VANITY SCONCE) TO BE COORDINATED WITH MIDDLE OF SINK, UON. PLEASE SEE BATHROOM ELEVATIONS A610 FOR MORE INFORMATION
4. LIGHT FIXTURE L-11 (SHOWER / TUB) TO BE ALWAYS IN THE MIDDLE OF SHOWER AND TUB ALCOVE
5. LIGHT FIXTURE L-05 (WALK-IN CLOSET) TO BE MIDDLE TO DOOR UON
6. LIGHT FIXTURE L08A (UNIT ENTRANCE) TO BE 6" OFF OF DOOR, UON. PLEASE SEE CORRIDOR ELEVATIONS A-644 FOR MORE INFORMATION
7. FOR LIGHTING SYMBOL LEGEND, SEE LIGHTING SCHEDULES
8. HARDWIRED SMOKE/CARBON MONOXIDE DETECTORS SHALL COMPLY WITH RS17-13 AND INSTALLED IN ACCORDANCE WITH RS17-14. IT SHALL BE LOCATED IN EVERY DWELLING UNIT WITHIN FIFTEEN FEET OF THE PRIMARY ENTRANCE OF EACH ROOM.

SYMBOL LEGEND

- SMOKE/CO2 DETECTOR (HARD-WIRED)
- CEILING TOILET EXHAUST VENT FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- LINEAR CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- VERTICAL COVE DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- WALL MOUNTED SPRINKLER HEAD FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- PENDANT & UPRIGHT SPRINKLER HEADS FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- ACCESS DOOR TO BE COORDINATED WITH MEP & TELECOM ACCORDINGLY AS NEEDED.

V/H UNIT SPECIFIC SYMBOL LEGEND

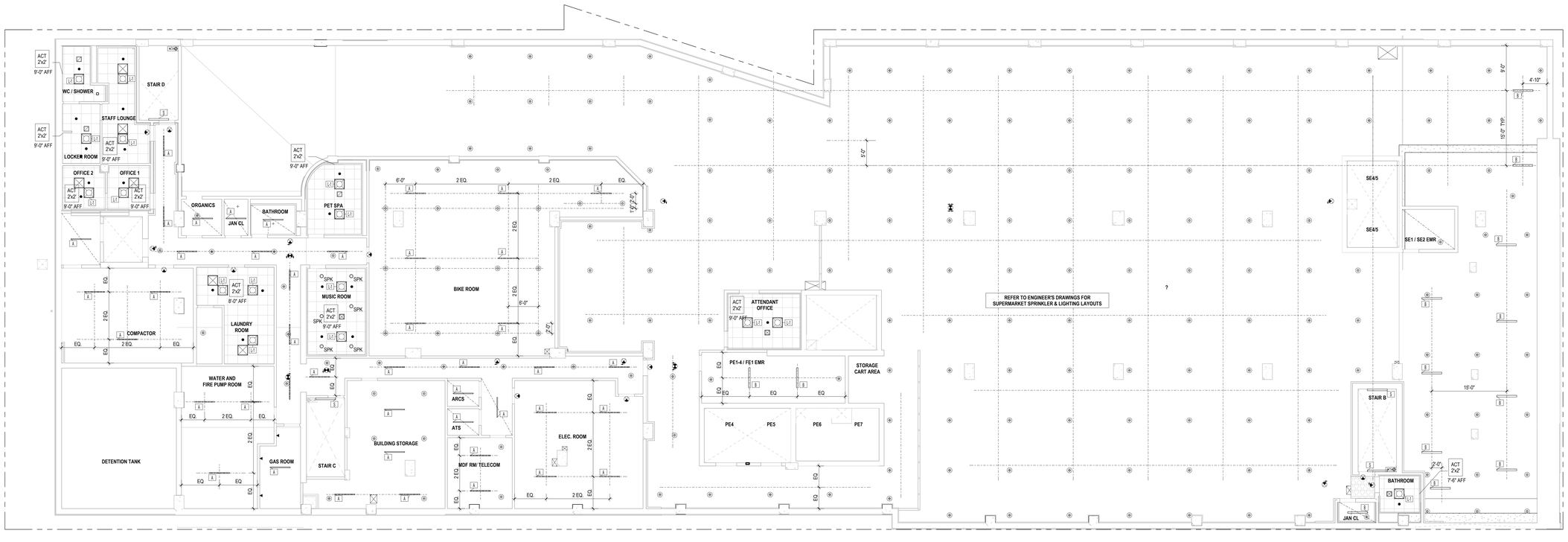
- SMOKE/CO2 DETECTOR WITH STROBE (HARD-WIRED WITH BATTERY BACK UP)
- STROBE ONLY
- DOORBELL STROBE
- FIRE ALARM SPEAKER
- CEILING MOUNTED SPEAKER
- EXIT SIGNS

FINISH CEILING LEGEND

- PAINTED GWB AT 7'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 7'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 9'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 12'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 13'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 14'-0" ABOVE FINISHED FLOOR
- PAINTED CONCRETE WITH VYNIL-BASED SKIM COAT PRIMER
- ACOUSTICAL CEILING TILES AT 9'-0" **(UON)** ABOVE FINISHED FLOOR
- 4" GLASS FIBER SPRAY INSULATION AT SLAB UNDERSIDE

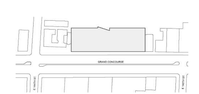
RESIDENTIAL LIGHTING LEGEND

- AA — ADJUSTABLE RECESSED DOWNLIGHT CO-WORK, AMENITIES, LOBBY, MAIL ROOM, 1ST FL ELEVATOR LOBBY
- DA — WALLWASHER DOWNLIGHT RECEPTION AREA
- DB — FIXED 30" DOWNLIGHT ELEVATOR CAB
- DC — FIXED 40" DOWNLIGHT PACKAGE ROOM
- DD — FIXED 40" DOWNLIGHT DINING ROOM, RESI AMENITY
- DF — FIXED 60" DOWNLIGHT FITNESS AREA
- DAA — FIXED 40" DOWNLIGHT RESI CORRIDOR
- DAB — FIXED 40" DOWNLIGHT RESI UNIT
- DAC — FIXED 60" DOWNLIGHT RESI UNIT BATHROOMS
- L1 — 2'x2' CEILING MOUNTED LIGHT MUSIC RM, LAUNDRY, STAFF
- LA — LINEAR LED STRIP RECEPTION AREA
- LB — LINEAR LED STRIP ELEVATOR LOBBY, MAIL ROOM
- LC — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LD — LINEAR LED TAPE FIXTURE MAIL ROOM, PACKAGE ROOM
- LF — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LG — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LH — LINEAR LED STRIP CO-WORKING
- LJ — LINEAR LED STRIP CO-WORK ZOOM ROOM
- LAA — LINEAR LED TAPE FIXTURE ELEVATOR LOBBY COVE LIGHT
- LAB — LINEAR LED TAPE FIXTURE RESI UNDER CABINET LIGHT
- PA — PENDANT MOUNT DECORATIVE RECEPTION AREA
- PB — PENDANT MOUNT DECORATIVE MAIL ROOM
- PC — PENDANT MOUNT DECORATIVE PARTY ROOM
- PF — PENDANT MOUNT DECORATIVE DINING ROOM
- PG — PENDANT MOUNT DECORATIVE CO-WORKING
- PH — PENDANT MOUNT DECORATIVE CO-WORKING
- QA — SURFACE MOUNT DECORATIVE ELEVATOR LOBBY 2ND FL
- QB — SURFACE MOUNT DECORATIVE YOGA STUDIO
- QAA — SURFACE MOUNT DECORATIVE UNIT WALK-IN CLOSETS
- SAA — WALL SCONCE DECORATIVE RESI ELEVATOR LOBBY
- SAB — WALL SCONCE DECORATIVE UNIT ENTRANCE AT CORRIDOR
- Z-DA — EXT. FIXED 30" DOWNLIGHT RESI CANOPY
- Z-JA — EXT. 1' TALL PATHWAY LIGHT ROOF
- Z-SA — EXT. SURFACE MOUNTE UP/DN SCONCE STOREFRONT
- Z-SB — EXT. WALL SCONCE DECORATIVE ROOF
- Z-LA — EXT. LINEAR LED STRIP SIGNAGE UPLIGHT
- Z-LB — EXT. LINEAR LED FIXTURE PLANTER AT RESI ENTRANCE
- Z-LC — EXT. LINEAR LED TAPE FIXTURE ROOF UNDER SEATING BENCH
- Z-LD — EXT. LINEAR LED STRIP ROOF UNDER SEATING BENCH
- Z-YA — EXT. STRING MOUNTED LED BULBS ROOF CATENARY LIGHTS



1 CELLAR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192S9-I1

DRAWING TITLE:

CELLAR FLOOR - OVERALL RCP

SCALE: 1/8" = 1'-0" PAGE: 49 OF 75

A-400.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 3:22:25 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

RCP NOTES

NOTES:
1. ALL LIGHT FIXTURES ARE DIMENSIONED TO CENTER LINE, UON
2. DIMENSIONS SHOWN IN INDIVIDUAL BATHROOM AND KITCHEN TYPES ARE TYPICAL
3. LIGHT FIXTURE L03 (BATHROOM VANITY SCONCE) TO BE COORDINATED WITH MIDDLE OF SINK, UON. PLEASE SEE BATHROOM ELEVATIONS A610 FOR MORE INFORMATION
4. LIGHT FIXTURE L-11 (SHOWER / TUB) TO BE ALWAYS IN THE MIDDLE OF SHOWER AND TUB ALCOVE
5. LIGHT FIXTURE L-05 (WALK-IN CLOSET) TO BE MIDDLE TO DOOR UON
6. LIGHT FIXTURE L08A (UNIT ENTRANCE) TO BE 6" OFF OF DOOR, UON. PLEASE SEE CORRIDOR ELEVATIONS A-644 FOR MORE INFORMATION
7. FOR LIGHTING SYMBOL LEGEND, SEE LIGHTING SCHEDULES
8. HARDWIRED SMOKE/CARBON MONOXIDE DETECTORS SHALL COMPLY WITH RS17-13 AND INSTALLED IN ACCORDANCE WITH RS17-14. IT SHALL BE LOCATED IN EVERY DWELLING UNIT WITHIN FIFTEEN FEET OF THE PRIMARY ENTRANCE OF EACH ROOM.

SYMBOL LEGEND

- SD CO — SMOKE/CO2 DETECTOR (HARD-WIRED)
- CEILING TOILET EXHAUST VENT FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- LINEAR CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- VERTICAL COVE DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- WALL MOUNTED SPRINKLER HEAD FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- PENDANT & UPRIGHT SPRINKLER HEADS FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- ACCESS DOOR TO BE COORDINATED WITH MEP & TELECOM ACCORDINGLY AS NEEDED.

V/H UNIT SPECIFIC SYMBOL LEGEND

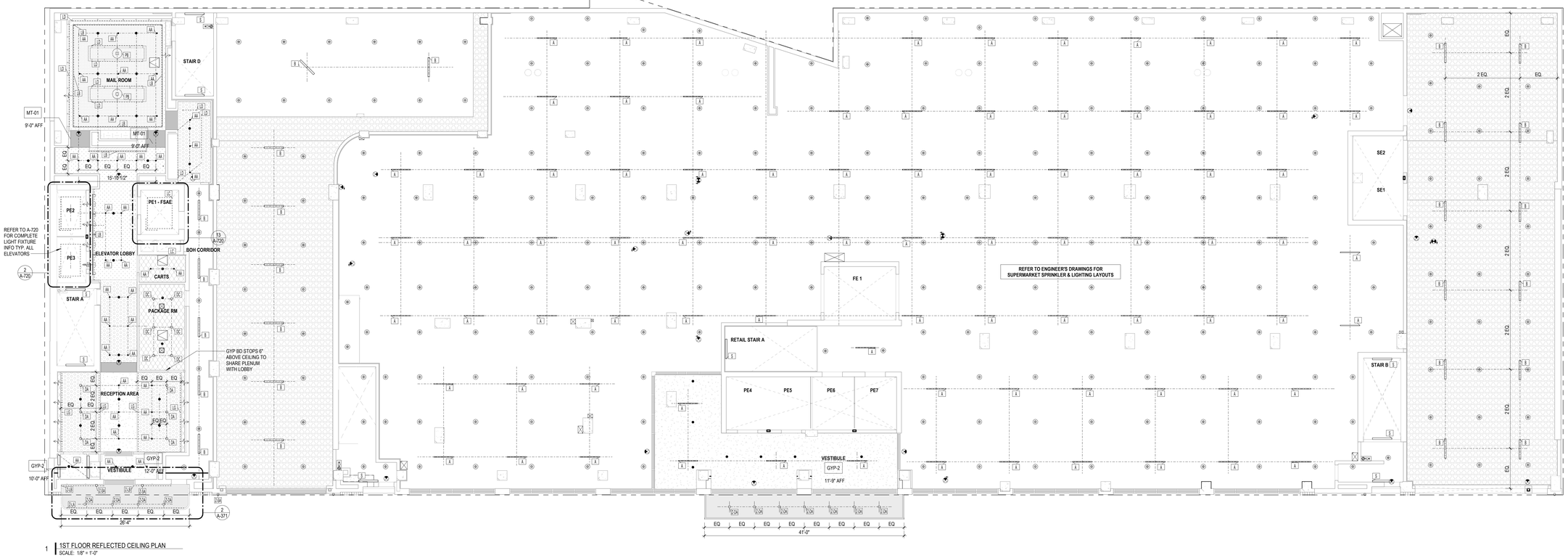
- SD CO/STB — SMOKE/CO2 DETECTOR WITH STROBE (HARD-WIRED WITH BATTERY BACK UP)
- S — STROBE ONLY
- DOORBELL STROBE
- FIRE ALARM SPEAKER
- SPK — CEILING MOUNTED SPEAKER
- EXIT SIGNS

FINISH CEILING LEGEND

- PAINTED GWB AT 7'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 7'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 9'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 12'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 13'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 14'-0" ABOVE FINISHED FLOOR
- PAINTED CONCRETE WITH VYNIL-BASED SKIM COAT PRIMER
- ACOUSTICAL CEILING TILES AT 9'-0" **(UON)** ABOVE FINISHED FLOOR
- 4" GLASS FIBER SPRAY INSULATION AT SLAB UNDERSIDE

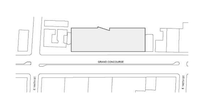
RESIDENTIAL LIGHTING LEGEND

- AA — ADJUSTABLE RECESSED DOWNLIGHT CO-WORK, AMENITIES, LOBBY, MAIL ROOM, 1ST FL ELEVATOR LOBBY
- DA — WALLWASHER DOWNLIGHT RECEPTION AREA
- DB — FIXED 30" DOWNLIGHT ELEVATOR CAB
- DC — FIXED 40" DOWNLIGHT PACKAGE ROOM
- DD — FIXED 40" DOWNLIGHT DINING ROOM, RESI AMENITY
- DF — FIXED 60" DOWNLIGHT FITNESS AREA
- DAA — FIXED 40" DOWNLIGHT RESI CORRIDOR
- DAB — FIXED 40" DOWNLIGHT RESI UNIT
- DAC — FIXED 60" DOWNLIGHT RESI UNIT BATHROOMS
- L1 — 2'x2' CEILING MOUNTED LIGHT MUSIC RM, LAUNDRY, STAFF
- LA — LINEAR LED STRIP RECEPTION AREA
- LB — LINEAR LED STRIP ELEVATOR LOBBY, MAIL ROOM
- LC — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LD — LINEAR LED TAPE FIXTURE MAIL ROOM, PACKAGE ROOM
- LF — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LG — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LH — LINEAR LED STRIP CO-WORKING
- LJ — LINEAR LED STRIP CO-WORK ZOOM ROOM
- LAA — LINEAR LED TAPE FIXTURE ELEVATOR LOBBY COVE LIGHT
- LAB — LINEAR LED TAPE FIXTURE RESI UNDER CABINET LIGHT
- PA — PENDANT MOUNT DECORATIVE RECEPTION AREA
- PB — PENDANT MOUNT DECORATIVE MAIL ROOM
- PC — PENDANT MOUNT DECORATIVE PARTY ROOM
- PF — PENDANT MOUNT DECORATIVE DINING ROOM
- PG — PENDANT MOUNT DECORATIVE CO-WORKING
- PH — PENDANT MOUNT DECORATIVE CO-WORKING
- QA — SURFACE MOUNT DECORATIVE ELEVATOR LOBBY 2ND FL
- QB — SURFACE MOUNT DECORATIVE YOGA STUDIO
- QAA — SURFACE MOUNT DECORATIVE UNIT WALK-IN CLOSETS
- SAA — WALL SCONCE DECORATIVE RESI ELEVATOR LOBBY
- SAB — WALL SCONCE DECORATIVE UNIT ENTRANCE AT CORRIDOR
- Z-DA — EXT. FIXED 30" DOWNLIGHT RESI CANOPY
- Z-JA — EXT. 1' TALL PATHWAY LIGHT ROOF
- Z-SA — EXT. SURFACE MOUNTE UP/DN SCONCE STOREFRONT
- Z-SB — EXT. WALL SCONCE DECORATIVE ROOF
- Z-LA — EXT. LINEAR LED STRIP SIGNAGE UPLIGHT
- Z-LB — EXT. LINEAR LED FIXTURE PLANTER AT RESI ENTRANCE
- Z-LC — EXT. LINEAR LED TAPE FIXTURE ROOF UNDER SEATING BENCH
- Z-LD — EXT. LINEAR LED STRIP ROOF UNDER SEATING BENCH
- Z-YA — EXT. STRING MOUNTED LED BULBS ROOF CATENARY LIGHTS



1 1ST FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:
1ST FLOOR - OVERALL RCP

SCALE: 1/8" = 1'-0" PAGE: 50 OF 75

A-401.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 3:22:28 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

RCP NOTES

NOTES:
1. ALL LIGHT FIXTURES ARE DIMENSIONED TO CENTER LINE, UON
2. DIMENSIONS SHOWN IN INDIVIDUAL BATHROOM AND KITCHEN TYPES ARE TYPICAL
3. LIGHT FIXTURE L03 (BATHROOM VANITY SCONCE) TO BE COORDINATED WITH MIDDLE OF SINK, UON. PLEASE SEE BATHROOM ELEVATIONS A610 FOR MORE INFORMATION
4. LIGHT FIXTURE L-11 (SHOWER / TUB) TO BE ALWAYS IN THE MIDDLE OF SHOWER AND TUB ALCOVE
5. LIGHT FIXTURE L-05 (WALK-IN CLOSET) TO BE MIDDLE TO DOOR UON
6. LIGHT FIXTURE L08A (UNIT ENTRANCE) TO BE 6" OFF OF DOOR, UON. PLEASE SEE CORRIDOR ELEVATIONS A-644 FOR MORE INFORMATION
7. FOR LIGHTING SYMBOL LEGEND, SEE LIGHTING SCHEDULES
8. HARDWIRED SMOKE/CARBON MONOXIDE DETECTORS SHALL COMPLY WITH RS17-13 AND INSTALLED IN ACCORDANCE WITH RS17-14. IT SHALL BE LOCATED IN EVERY DWELLING UNIT WITHIN FIFTEEN FEET OF THE PRIMARY ENTRANCE OF EACH ROOM.

SYMBOL LEGEND

- SD CO — SMOKE/CO2 DETECTOR (HARD-WIRED)
- CEILING TOILET EXHAUST VENT FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- LINEAR CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- VERTICAL COVE DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- WALL MOUNTED SPRINKLER HEAD FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- PENDANT & UPRIGHT SPRINKLER HEADS FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- ACCESS DOOR TO BE COORDINATED WITH MEP & TELECOM ACCORDINGLY AS NEEDED.

V/H UNIT SPECIFIC SYMBOL LEGEND

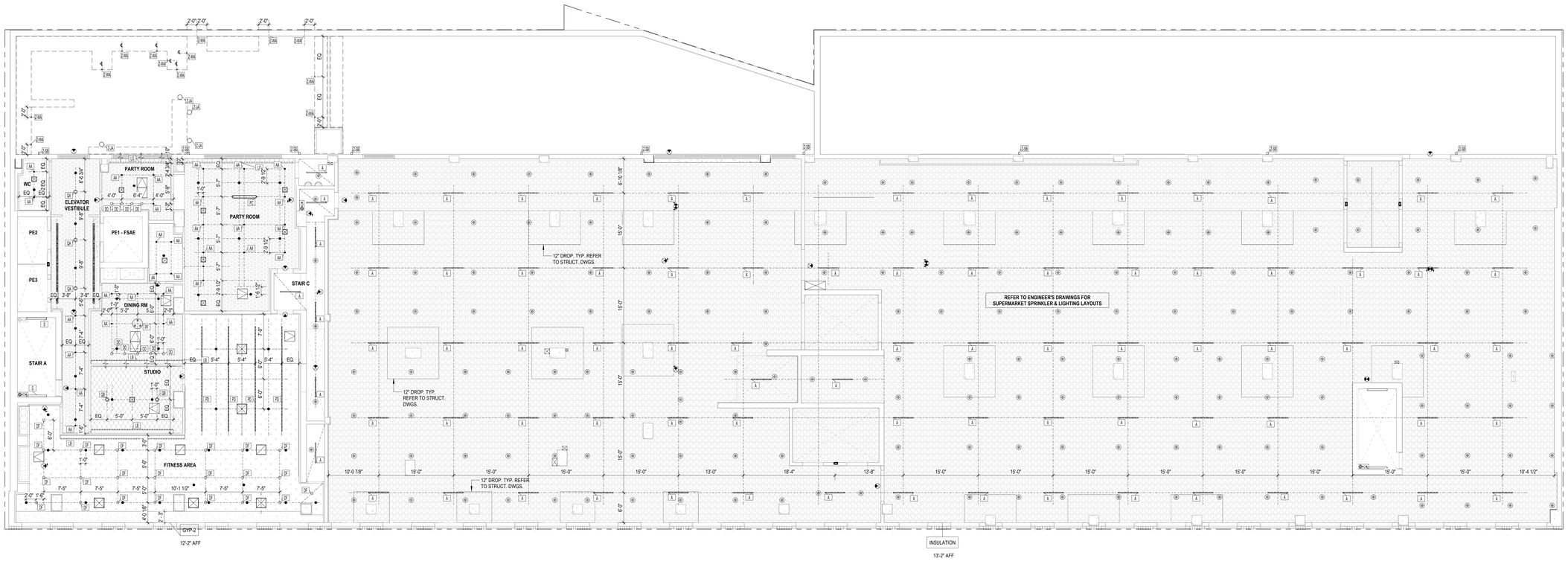
- SD CO/ST/B — SMOKE/CO2 DETECTOR WITH STROBE (HARD-WIRED WITH BATTERY BACK UP)
- S — STROBE ONLY
- DOORBELL STROBE
- FIRE ALARM SPEAKER
- SPK — CEILING MOUNTED SPEAKER
- EXIT SIGNS

FINISH CEILING LEGEND

- PAINTED GWB AT 7'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 7'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 9'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 12'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 13'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 14'-0" ABOVE FINISHED FLOOR
- PAINTED CONCRETE WITH VYNIL-BASED SKIM COAT PRIMER
- ACOUSTICAL CEILING TILES AT 9'-0" **(UON)** ABOVE FINISHED FLOOR
- 4" GLASS FIBER SPRAY INSULATION AT SLAB UNDERSIDE

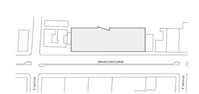
RESIDENTIAL LIGHTING LEGEND

- AA — ADJUSTABLE RECESSED DOWNLIGHT CO-WORK, AMENITIES, LOBBY, MAIL ROOM, 1ST FL ELEVATOR LOBBY
- DA — WALLWASHER DOWNLIGHT RECEPTION AREA
- DB — FIXED 30" DOWNLIGHT ELEVATOR CAB
- DC — FIXED 40" DOWNLIGHT PACKAGE ROOM
- DD — FIXED 40" DOWNLIGHT DINING ROOM, RESI AMENITY
- DF — FIXED 60" DOWNLIGHT FITNESS AREA
- DAA — FIXED 40" DOWNLIGHT RESI CORRIDOR
- DAB — FIXED 40" DOWNLIGHT RESI UNIT
- DAC — FIXED 60" DOWNLIGHT RESI UNIT BATHROOMS
- L1 — 2'x2' CEILING MOUNTED LIGHT MUSIC RM, LAUNDRY, STAFF
- LA — LINEAR LED STRIP RECEPTION AREA
- LB — LINEAR LED STRIP ELEVATOR LOBBY, MAIL ROOM
- LC — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LD — LINEAR LED TAPE FIXTURE MAIL ROOM, PACKAGE ROOM
- LF — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LG — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LH — LINEAR LED STRIP CO-WORKING
- LJ — LINEAR LED STRIP CO-WORK ZOOM ROOM
- LAA — LINEAR LED TAPE FIXTURE ELEVATOR LOBBY COVE LIGHT
- LAB — LINEAR LED TAPE FIXTURE RESI UNDER CABINET LIGHT
- PA — PENDANT MOUNT DECORATIVE RECEPTION AREA
- PB — PENDANT MOUNT DECORATIVE MAIL ROOM
- PC — PENDANT MOUNT DECORATIVE PARTY ROOM
- PF — PENDANT MOUNT DECORATIVE DINING ROOM
- PG — PENDANT MOUNT DECORATIVE CO-WORKING
- PH — PENDANT MOUNT DECORATIVE CO-WORKING
- QA — SURFACE MOUNT DECORATIVE ELEVATOR LOBBY 2ND FL
- QB — SURFACE MOUNT DECORATIVE YOGA STUDIO
- QAA — SURFACE MOUNT DECORATIVE UNIT WALK-IN CLOSETS
- SAA — WALL SCONCE DECORATIVE RESI ELEVATOR LOBBY
- SAB — WALL SCONCE DECORATIVE UNIT ENTRANCE AT CORRIDOR
- Z-DA — EXT. FIXED 30" DOWNLIGHT RESI CANOPY
- Z-JA — EXT. 1' TALL PATHWAY LIGHT ROOF
- Z-SA — EXT. SURFACE MOUNTE UP/DN SCONCE STOREFRONT
- Z-SB — EXT. WALL SCONCE DECORATIVE ROOF
- Z-LA — EXT. LINEAR LED STRIP SIGNAGE UPLIGHT
- Z-LB — EXT. LINEAR LED FIXTURE PLANTER AT RESI ENTRANCE
- Z-LC — EXT. LINEAR LED TAPE FIXTURE ROOF UNDER SEATING BENCH
- Z-LD — EXT. LINEAR LED STRIP ROOF UNDER SEATING BENCH
- Z-YA — EXT. STRING MOUNTED LED BULBS ROOF CATENARY LIGHTS



1 2ND FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

2ND FLOOR - OVERALL RCP

SCALE: 1/8" = 1'-0" PAGE: 51 OF 75

A-402.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 3:22:10 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

RCP NOTES

NOTES:
1. ALL LIGHT FIXTURES ARE DIMENSIONED TO CENTER LINE, UON
2. DIMENSIONS SHOWN IN INDIVIDUAL BATHROOM AND KITCHEN TYPES ARE TYPICAL
3. LIGHT FIXTURE L03 (BATHROOM VANITY SCONCE) TO BE COORDINATED WITH MIDDLE OF SINK, UON. PLEASE SEE BATHROOM ELEVATIONS A610 FOR MORE INFORMATION
4. LIGHT FIXTURE L-11 (SHOWER / TUB) TO BE ALWAYS IN THE MIDDLE OF SHOWER AND TUB ALCOVE
5. LIGHT FIXTURE L-05 (WALK-IN CLOSET) TO BE MIDDLE TO DOOR UON
6. LIGHT FIXTURE L08A (UNIT ENTRANCE) TO BE 6" OFF OF DOOR, UON. PLEASE SEE CORRIDOR ELEVATIONS A-644 FOR MORE INFORMATION
7. FOR LIGHTING SYMBOL LEGEND, SEE LIGHTING SCHEDULES
8. HARDWIRED SMOKE/CARBON MONOXIDE DETECTORS SHALL COMPLY WITH RS17-13 AND INSTALLED IN ACCORDANCE WITH RS17-14. IT SHALL BE LOCATED IN EVERY DWELLING UNIT WITHIN FIFTEEN FEET OF THE PRIMARY ENTRANCE OF EACH ROOM.

SYMBOL LEGEND

- SMOKE/CO2 DETECTOR (HARD-WIRED)
- CEILING TOILET EXHAUST VENT FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- LINEAR CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- VERTICAL COVE DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- WALL MOUNTED SPRINKLER HEAD FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- PENDANT & UPRIGHT SPRINKLER HEADS FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- ACCESS DOOR TO BE COORDINATED WITH MEP & TELECOM ACCORDINGLY AS NEEDED.

V/H UNIT SPECIFIC SYMBOL LEGEND

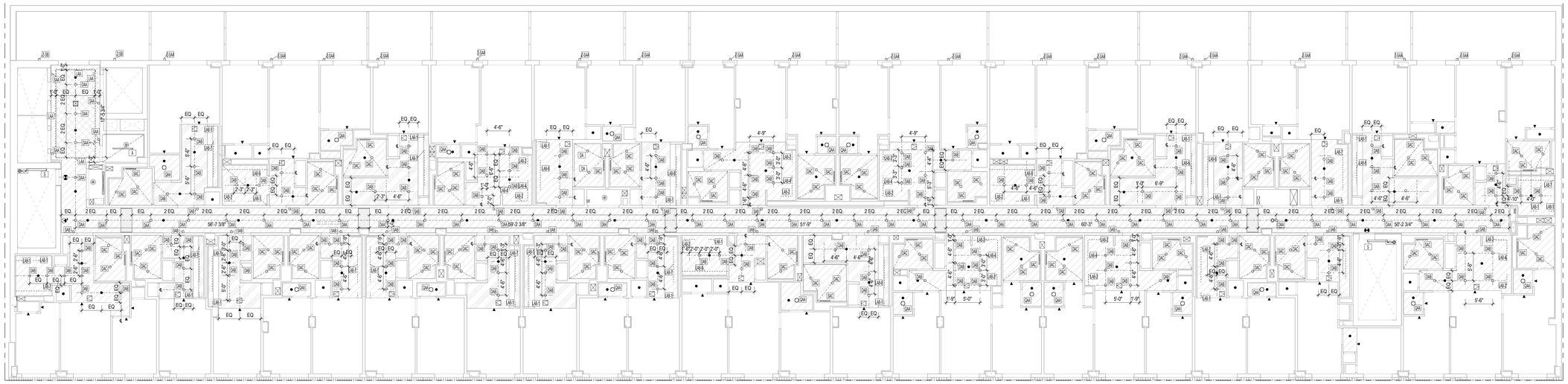
- SMOKE/CO2 DETECTOR WITH STROBE (HARD-WIRED WITH BATTERY BACK UP)
- STROBE ONLY
- DOORBELL STROBE
- FIRE ALARM SPEAKER
- CEILING MOUNTED SPEAKER
- EXIT SIGNS

FINISH CEILING LEGEND

- PAINTED GWB AT 7'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 7'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 9'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 12'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 13'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 14'-0" ABOVE FINISHED FLOOR
- PAINTED CONCRETE WITH VYNIL-BASED SKIM COAT PRIMER
- ACOUSTICAL CEILING TILES AT 9'-0" **(UON)** ABOVE FINISHED FLOOR
- 4" GLASS FIBER SPRAY INSULATION AT SLAB UNDERSIDE

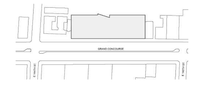
RESIDENTIAL LIGHTING LEGEND

- AA — ADJUSTABLE RECESSED DOWNLIGHT CO-WORK, AMENITIES, LOBBY, MAIL ROOM, 1ST FL ELEVATOR LOBBY
- DA — WALLWASHER DOWNLIGHT RECEPTION AREA
- DB — FIXED 30" DOWNLIGHT ELEVATOR CAB
- DC — FIXED 40" DOWNLIGHT PACKAGE ROOM
- DD — FIXED 40" DOWNLIGHT DINING ROOM, RESI AMENITY
- DF — FIXED 60" DOWNLIGHT FITNESS AREA
- DAA — FIXED 40" DOWNLIGHT RESI CORRIDOR
- DAB — FIXED 40" DOWNLIGHT RESI UNIT
- DAC — FIXED 60" DOWNLIGHT RESI UNIT BATHROOMS
- L1 — 2'x2' CEILING MOUNTED LIGHT MUSIC RM, LAUNDRY, STAFF
- LA — LINEAR LED STRIP RECEPTION AREA
- LB — LINEAR LED STRIP ELEVATOR LOBBY, MAIL ROOM
- LC — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LD — LINEAR LED TAPE FIXTURE MAIL ROOM, PACKAGE ROOM
- LF — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LG — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LH — LINEAR LED STRIP CO-WORKING
- LJ — LINEAR LED STRIP CO-WORK ZOOM ROOM
- LAA — LINEAR LED TAPE FIXTURE ELEVATOR LOBBY COVE LIGHT
- LAB — LINEAR LED TAPE FIXTURE RESI UNDER CABINET LIGHT
- PA — PENDANT MOUNT DECORATIVE RECEPTION AREA
- PB — PENDANT MOUNT DECORATIVE MAIL ROOM
- PC — PENDANT MOUNT DECORATIVE PARTY ROOM
- PF — PENDANT MOUNT DECORATIVE DINING ROOM
- PG — PENDANT MOUNT DECORATIVE CO-WORKING
- PH — PENDANT MOUNT DECORATIVE CO-WORKING
- QA — SURFACE MOUNT DECORATIVE ELEVATOR LOBBY 2ND FL
- QB — SURFACE MOUNT DECORATIVE YOGA STUDIO
- QAA — SURFACE MOUNT DECORATIVE UNIT WALK-IN CLOSETS
- SAA — WALL SCONCE DECORATIVE RESI ELEVATOR LOBBY
- SAB — WALL SCONCE DECORATIVE UNIT ENTRANCE AT CORRIDOR
- Z-DA — EXT. FIXED 30" DOWNLIGHT RESI CANOPY
- Z-JA — EXT. 1" TALL PATHWAY LIGHT ROOF
- Z-SA — EXT. SURFACE MOUNTE UP/DN SCONCE STOREFRONT
- Z-SB — EXT. WALL SCONCE DECORATIVE ROOF
- Z-LA — EXT. LINEAR LED STRIP SIGNAGE UPLIGHT
- Z-LB — EXT. LINEAR LED FIXTURE PLANTER AT RESI ENTRANCE
- Z-LC — EXT. LINEAR LED TAPE FIXTURE ROOF UNDER SEATING BENCH
- Z-LD — EXT. LINEAR LED STRIP ROOF UNDER SEATING BENCH
- Z-YA — EXT. STRING MOUNTED LED BULBS ROOF CATENARY LIGHTS



1 3RD FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

3RD - 6TH FLOOR - OVERALL RCP

SCALE: 1/8" = 1'-0" PAGE: 52 OF 75

A-403.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 3:22:36 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

RCP NOTES

NOTES:
1. ALL LIGHT FIXTURES ARE DIMENSIONED TO CENTER LINE, UON
2. DIMENSIONS SHOWN IN INDIVIDUAL BATHROOM AND KITCHEN TYPES ARE TYPICAL
3. LIGHT FIXTURE L03 (BATHROOM VANITY SCONCE) TO BE COORDINATED WITH MIDDLE OF SINK, UON. PLEASE SEE BATHROOM ELEVATIONS A610 FOR MORE INFORMATION
4. LIGHT FIXTURE L-11 (SHOWER / TUB) TO BE ALWAYS IN THE MIDDLE OF SHOWER AND TUB ALCOVE
5. LIGHT FIXTURE L-05 (WALK-IN CLOSET) TO BE MIDDLE TO DOOR UON
6. LIGHT FIXTURE L08A (UNIT ENTRANCE) TO BE 6" OFF OF DOOR, UON. PLEASE SEE CORRIDOR ELEVATIONS A-644 FOR MORE INFORMATION
7. FOR LIGHTING SYMBOL LEGEND, SEE LIGHTING SCHEDULES
8. HARDWIRED SMOKE/CARBON MONOXIDE DETECTORS SHALL COMPLY WITH RS17-13 AND INSTALLED IN ACCORDANCE WITH RS17-14. IT SHALL BE LOCATED IN EVERY DWELLING UNIT WITHIN FIFTEEN FEET OF THE PRIMARY ENTRANCE OF EACH ROOM.

SYMBOL LEGEND

- SMOKE/CO2 DETECTOR (HARD-WIRED)
- CEILING TOILET EXHAUST VENT FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- LINEAR CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- VERTICAL COVE DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- WALL MOUNTED SPRINKLER HEAD FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- PENDANT & UPRIGHT SPRINKLER HEADS FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- ACCESS DOOR TO BE COORDINATED WITH MEP & TELECOM ACCORDINGLY AS NEEDED.

V/H UNIT SPECIFIC SYMBOL LEGEND

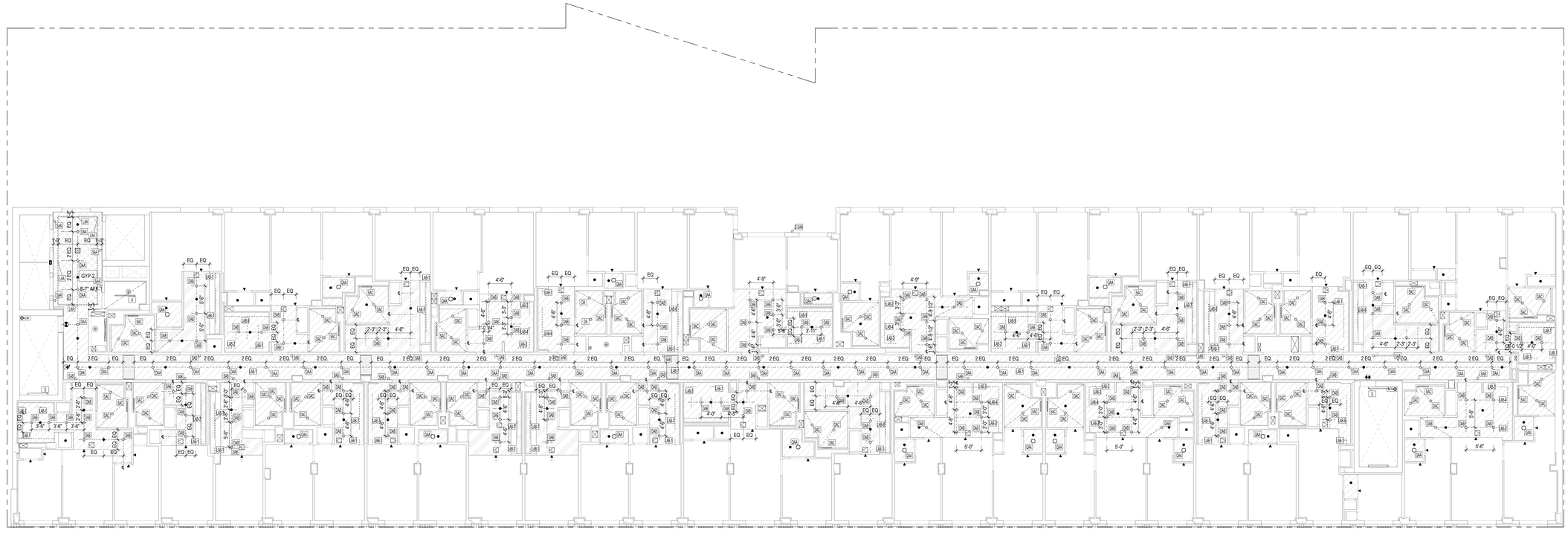
- SMOKE/CO2 DETECTOR WITH STROBE (HARD-WIRED WITH BATTERY BACK UP)
- STROBE ONLY
- DOORBELL STROBE
- FIRE ALARM SPEAKER
- CEILING MOUNTED SPEAKER
- EXIT SIGNS

FINISH CEILING LEGEND

- PAINTED GWB AT 7'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 7'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 9'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 12'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 13'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 14'-0" ABOVE FINISHED FLOOR
- PAINTED CONCRETE WITH VYNIL-BASED SKIM COAT PRIMER
- ACOUSTICAL CEILING TILES AT 9'-0" **(UON)** ABOVE FINISHED FLOOR
- 4" GLASS FIBER SPRAY INSULATION AT SLAB UNDERSIDE

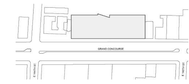
RESIDENTIAL LIGHTING LEGEND

- AA — ADJUSTABLE RECESSED DOWNLIGHT CO-WORK, AMENITIES, LOBBY, MAIL ROOM, 1ST FL ELEVATOR LOBBY
- DA — WALLWASHER DOWNLIGHT RECEPTION AREA
- DB — FIXED 30" DOWNLIGHT ELEVATOR CAB
- DC — FIXED 40" DOWNLIGHT PACKAGE ROOM
- DD — FIXED 40" DOWNLIGHT DINING ROOM, RESI AMENITY
- DF — FIXED 60" DOWNLIGHT FITNESS AREA
- DAA — FIXED 40" DOWNLIGHT RESI CORRIDOR
- DAB — FIXED 40" DOWNLIGHT RESI UNIT
- DAC — FIXED 60" DOWNLIGHT RESI UNIT BATHROOMS
- L1 — 2'x2' CEILING MOUNTED LIGHT MUSIC RM, LAUNDRY, STAFF
- LA — LINEAR LED STRIP RECEPTION AREA
- LB — LINEAR LED STRIP ELEVATOR LOBBY, MAIL ROOM
- LC — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LD — LINEAR LED TAPE FIXTURE MAIL ROOM, PACKAGE ROOM
- LF — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LG — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LH — LINEAR LED STRIP CO-WORKING
- LJ — LINEAR LED STRIP CO-WORK ZOOM ROOM
- LAA — LINEAR LED TAPE FIXTURE ELEVATOR LOBBY COVE LIGHT
- LAB — LINEAR LED TAPE FIXTURE RESI UNDER CABINET LIGHT
- PA — PENDANT MOUNT DECORATIVE RECEPTION AREA
- PB — PENDANT MOUNT DECORATIVE MAIL ROOM
- PC — PENDANT MOUNT DECORATIVE PARTY ROOM
- PF — PENDANT MOUNT DECORATIVE DINING ROOM
- PG — PENDANT MOUNT DECORATIVE CO-WORKING
- PH — PENDANT MOUNT DECORATIVE CO-WORKING
- QA — SURFACE MOUNT DECORATIVE ELEVATOR LOBBY 2ND FL
- QB — SURFACE MOUNT DECORATIVE YOGA STUDIO
- QAA — SURFACE MOUNT DECORATIVE UNIT WALK-IN CLOSETS
- SAA — WALL SCONCE DECORATIVE RESI ELEVATOR LOBBY
- SAB — WALL SCONCE DECORATIVE UNIT ENTRANCE AT CORRIDOR
- Z-DA — EXT. FIXED 30" DOWNLIGHT RESI CANOPY
- Z-JA — EXT. 1' TALL PATHWAY LIGHT ROOF
- Z-SA — EXT. SURFACE MOUNTE UP/DN SCONCE STOREFRONT
- Z-SB — EXT. WALL SCONCE DECORATIVE ROOF
- Z-LA — EXT. LINEAR LED STRIP SIGNAGE UPLIGHT
- Z-LB — EXT. LINEAR LED FIXTURE PLANTER AT RESI ENTRANCE
- Z-LC — EXT. LINEAR LED TAPE FIXTURE ROOF UNDER SEATING BENCH
- Z-LD — EXT. LINEAR LED STRIP ROOF UNDER SEATING BENCH
- Z-YA — EXT. STRING MOUNTED LED BULBS ROOF CATENARY LIGHTS



1 7TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

7TH - 9TH FLOOR - OVERALL RCP

SCALE: 1/8" = 1'-0" PAGE: 52 OF 75

A-404.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 3:22:39 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

RCP NOTES

NOTES:
1. ALL LIGHT FIXTURES ARE DIMENSIONED TO CENTER LINE, UON
2. DIMENSIONS SHOWN IN INDIVIDUAL BATHROOM AND KITCHEN TYPES ARE TYPICAL
3. LIGHT FIXTURE L03 (BATHROOM VANITY SCONCE) TO BE COORDINATED WITH MIDDLE OF SINK, UON. PLEASE SEE BATHROOM ELEVATIONS A610 FOR MORE INFORMATION
4. LIGHT FIXTURE L-11 (SHOWER / TUB) TO BE ALWAYS IN THE MIDDLE OF SHOWER AND TUB ALCOVE
5. LIGHT FIXTURE L-05 (WALK-IN CLOSET) TO BE MIDDLE TO DOOR UON
6. LIGHT FIXTURE L08A (UNIT ENTRANCE) TO BE 6" OFF OF DOOR, UON. PLEASE SEE CORRIDOR ELEVATIONS A-644 FOR MORE INFORMATION
7. FOR LIGHTING SYMBOL LEGEND, SEE LIGHTING SCHEDULES
8. HARDWIRED SMOKE/CARBON MONOXIDE DETECTORS SHALL COMPLY WITH RS17-13 AND INSTALLED IN ACCORDANCE WITH RS17-14. IT SHALL BE LOCATED IN EVERY DWELLING UNIT WITHIN FIFTEEN FEET OF THE PRIMARY ENTRANCE OF EACH ROOM.

SYMBOL LEGEND

- SMOKE/CO2 DETECTOR (HARD-WIRED)
- CEILING TOILET EXHAUST VENT FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- LINEAR CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- VERTICAL COVE DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- WALL MOUNTED SPRINKLER HEAD FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- PENDANT & UPRIGHT SPRINKLER HEADS FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- ACCESS DOOR TO BE COORDINATED WITH MEP & TELECOM ACCORDINGLY AS NEEDED.

V/H UNIT SPECIFIC SYMBOL LEGEND

- SMOKE/CO2 DETECTOR WITH STROBE (HARD-WIRED WITH BATTERY BACK UP)
- STROBE ONLY
- DOORBELL STROBE
- FIRE ALARM SPEAKER
- CEILING MOUNTED SPEAKER
- EXIT SIGNS

FINISH CEILING LEGEND

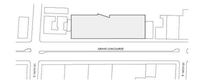
- PAINTED GWB AT 7'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 7'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 9'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 12'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 13'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 14'-0" ABOVE FINISHED FLOOR
- PAINTED CONCRETE WITH VYNIL-BASED SKIM COAT PRIMER
- ACOUSTICAL CEILING TILES AT 9'-0" **(UON)** ABOVE FINISHED FLOOR
- 4" GLASS FIBER SPRAY INSULATION AT SLAB UNDERSIDE

RESIDENTIAL LIGHTING LEGEND

- AA — ADJUSTABLE RECESSED DOWNLIGHT CO-WORK, AMENITIES, LOBBY, MAIL ROOM, 1ST FL ELEVATOR LOBBY
- DA — WALLWASHER DOWNLIGHT RECEPTION AREA
- DB — FIXED 30" DOWNLIGHT ELEVATOR CAB
- DC — FIXED 40" DOWNLIGHT PACKAGE ROOM
- DD — FIXED 40" DOWNLIGHT DINING ROOM, RESI AMENITY
- DF — FIXED 60" DOWNLIGHT FITNESS AREA
- DAA — FIXED 40" DOWNLIGHT RESI CORRIDOR
- DAB — FIXED 40" DOWNLIGHT RESI UNIT
- DAC — FIXED 60" DOWNLIGHT RESI UNIT BATHROOMS
- L1 — 2'x2' CEILING MOUNTED LIGHT MUSIC RM, LAUNDRY, STAFF
- LA — LINEAR LED STRIP RECEPTION AREA
- LB — LINEAR LED STRIP ELEVATOR LOBBY, MAIL ROOM
- LC — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LD — LINEAR LED TAPE FIXTURE MAIL ROOM, PACKAGE ROOM
- LF — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LG — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LH — LINEAR LED STRIP CO-WORKING
- LJ — LINEAR LED STRIP CO-WORK ZOOM ROOM
- LAA — LINEAR LED TAPE FIXTURE ELEVATOR LOBBY COVE LIGHT
- LAB — LINEAR LED TAPE FIXTURE RESI UNDER CABINET LIGHT
- PA — PENDANT MOUNT DECORATIVE RECEPTION AREA
- PB — PENDANT MOUNT DECORATIVE MAIL ROOM
- PC — PENDANT MOUNT DECORATIVE PARTY ROOM
- PF — PENDANT MOUNT DECORATIVE DINING ROOM
- PG — PENDANT MOUNT DECORATIVE CO-WORKING
- PH — PENDANT MOUNT DECORATIVE CO-WORKING
- QA — SURFACE MOUNT DECORATIVE ELEVATOR LOBBY 2ND FL
- QB — SURFACE MOUNT DECORATIVE YOGA STUDIO
- QAA — SURFACE MOUNT DECORATIVE UNIT WALK-IN CLOSETS
- SAA — WALL SCONCE DECORATIVE RESI ELEVATOR LOBBY
- SAB — WALL SCONCE DECORATIVE UNIT ENTRANCE AT CORRIDOR
- Z-DA — EXT. FIXED 30" DOWNLIGHT RESI CANOPY
- Z-JA — EXT. 1' TALL PATHWAY LIGHT ROOF
- Z-SA — EXT. SURFACE MOUNTE UP/DN SCONCE STOREFRONT
- Z-SB — EXT. WALL SCONCE DECORATIVE ROOF
- Z-LA — EXT. LINEAR LED STRIP SIGNAGE UPLIGHT
- Z-LB — EXT. LINEAR LED FIXTURE PLANTER AT RESI ENTRANCE
- Z-LC — EXT. LINEAR LED TAPE FIXTURE ROOF UNDER SEATING BENCH
- Z-LD — EXT. LINEAR LED STRIP ROOF UNDER SEATING BENCH
- Z-YA — EXT. STRING MOUNTED LED BULBS ROOF CATENARY LIGHTS

1 10TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

10TH FLOOR - OVERALL RCP

SCALE: 1/8" = 1'-0" PAGE: 53 OF 75

A-405.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 3:22:42 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

RCP NOTES

NOTES:
1. ALL LIGHT FIXTURES ARE DIMENSIONED TO CENTER LINE, UON
2. DIMENSIONS SHOWN IN INDIVIDUAL BATHROOM AND KITCHEN TYPES ARE TYPICAL
3. LIGHT FIXTURE L03 (BATHROOM VANITY SCONCE) TO BE COORDINATED WITH MIDDLE OF SINK, UON. PLEASE SEE BATHROOM ELEVATIONS A610 FOR MORE INFORMATION
4. LIGHT FIXTURE L-11 (SHOWER / TUB) TO BE ALWAYS IN THE MIDDLE OF SHOWER AND TUB ALCOVE
5. LIGHT FIXTURE L-05 (WALK-IN CLOSET) TO BE MIDDLE TO DOOR UON
6. LIGHT FIXTURE L08A (UNIT ENTRANCE) TO BE 6" OFF OF DOOR, UON. PLEASE SEE CORRIDOR ELEVATIONS A-644 FOR MORE INFORMATION
7. FOR LIGHTING SYMBOL LEGEND, SEE LIGHTING SCHEDULES
8. HARDWIRED SMOKE/CARBON MONOXIDE DETECTORS SHALL COMPLY WITH RS17-13 AND INSTALLED IN ACCORDANCE WITH RS17-14. IT SHALL BE LOCATED IN EVERY DWELLING UNIT WITHIN FIFTEEN FEET OF THE PRIMARY ENTRANCE OF EACH ROOM.

SYMBOL LEGEND

- SMOKE/CO2 DETECTOR (HARD-WIRED)
- CEILING TOILET EXHAUST VENT FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- LINEAR CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- VERTICAL COVE DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- WALL MOUNTED SPRINKLER HEAD FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- PENDANT & UPRIGHT SPRINKLER HEADS FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- ACCESS DOOR TO BE COORDINATED WITH MEP & TELECOM ACCORDINGLY AS NEEDED.

V/H UNIT SPECIFIC SYMBOL LEGEND

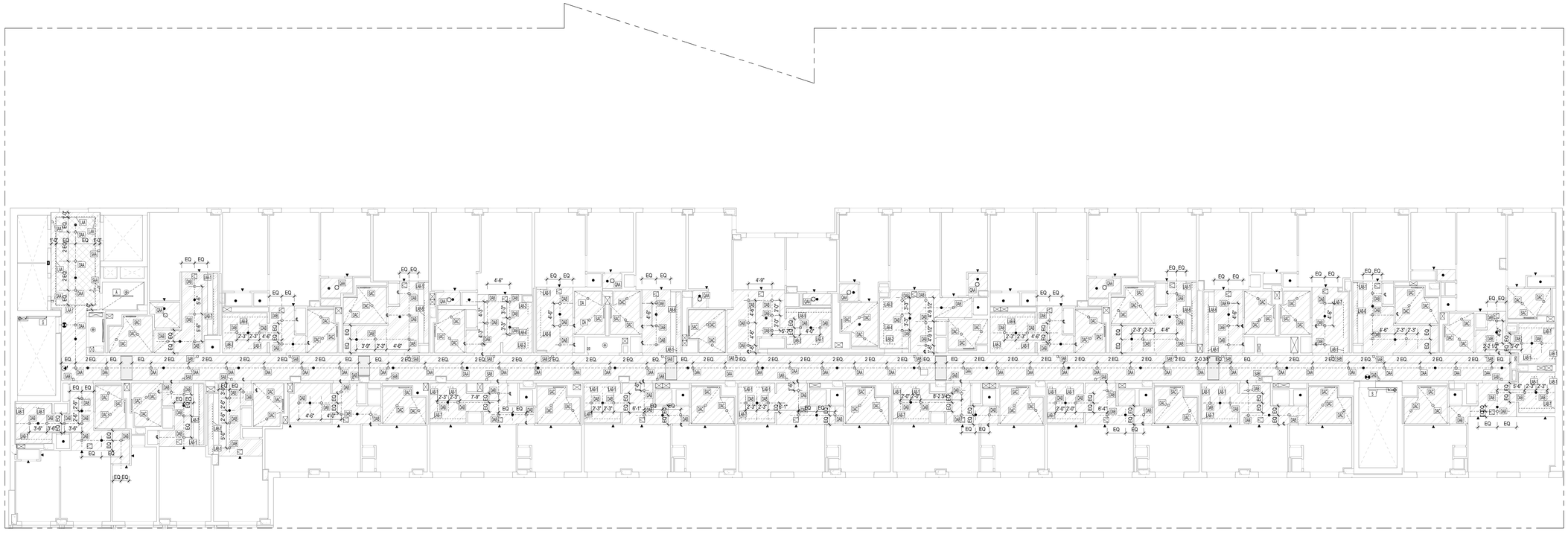
- SMOKE/CO2 DETECTOR WITH STROBE (HARD-WIRED WITH BATTERY BACK UP)
- STROBE ONLY
- DOORBELL STROBE
- FIRE ALARM SPEAKER
- CEILING MOUNTED SPEAKER
- EXIT SIGNS

FINISH CEILING LEGEND

- PAINTED GWB AT 7'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 7'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 9'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 12'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 13'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 14'-0" ABOVE FINISHED FLOOR
- PAINTED CONCRETE WITH VYNIL-BASED SKIM COAT PRIMER
- ACOUSTICAL CEILING TILES AT 9'-0" **(UON)** ABOVE FINISHED FLOOR
- 4" GLASS FIBER SPRAY INSULATION AT SLAB UNDERSIDE

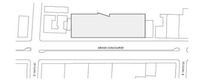
RESIDENTIAL LIGHTING LEGEND

- AA — ADJUSTABLE RECESSED DOWNLIGHT CO-WORK, AMENITIES, LOBBY, MAIL ROOM, 1ST FL ELEVATOR LOBBY
- DA — WALLWASHER DOWNLIGHT RECEPTION AREA
- DB — FIXED 30" DOWNLIGHT ELEVATOR CAB
- DC — FIXED 40" DOWNLIGHT PACKAGE ROOM
- DD — FIXED 40" DOWNLIGHT DINING ROOM, RESI AMENITY
- DF — FIXED 60" DOWNLIGHT FITNESS AREA
- DAA — FIXED 40" DOWNLIGHT RESI CORRIDOR
- DAB — FIXED 40" DOWNLIGHT RESI UNIT
- DAC — FIXED 60" DOWNLIGHT RESI UNIT BATHROOMS
- L1 — 2'x2' CEILING MOUNTED LIGHT MUSIC RM, LAUNDRY, STAFF
- LA — LINEAR LED STRIP RECEPTION AREA
- LB — LINEAR LED STRIP ELEVATOR LOBBY, MAIL ROOM
- LC — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LD — LINEAR LED TAPE FIXTURE MAIL ROOM, PACKAGE ROOM
- LF — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LG — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LH — LINEAR LED STRIP CO-WORKING
- LJ — LINEAR LED STRIP CO-WORK ZOOM ROOM
- LAA — LINEAR LED TAPE FIXTURE ELEVATOR LOBBY COVE LIGHT
- LAB — LINEAR LED TAPE FIXTURE RESI UNDER CABINET LIGHT
- PA — PENDANT MOUNT DECORATIVE RECEPTION AREA
- PB — PENDANT MOUNT DECORATIVE MAIL ROOM
- PC — PENDANT MOUNT DECORATIVE PARTY ROOM
- PF — PENDANT MOUNT DECORATIVE DINING ROOM
- PG — PENDANT MOUNT DECORATIVE CO-WORKING
- PH — PENDANT MOUNT DECORATIVE CO-WORKING
- QA — SURFACE MOUNT DECORATIVE ELEVATOR LOBBY 2ND FL
- QB — SURFACE MOUNT DECORATIVE YOGA STUDIO
- QAA — SURFACE MOUNT DECORATIVE UNIT WALK-IN CLOSETS
- SAA — WALL SCONCE DECORATIVE RESI ELEVATOR LOBBY
- SAB — WALL SCONCE DECORATIVE UNIT ENTRANCE AT CORRIDOR
- Z-DA — EXT. FIXED 30" DOWNLIGHT RESI CANOPY
- Z-JA — EXT. 1' TALL PATHWAY LIGHT ROOF
- Z-SA — EXT. SURFACE MOUNTE UP/DN SCONCE STOREFRONT
- Z-SB — EXT. WALL SCONCE DECORATIVE ROOF
- Z-LA — EXT. LINEAR LED STRIP SIGNAGE UPLIGHT
- Z-LB — EXT. LINEAR LED FIXTURE PLANTER AT RESI ENTRANCE
- Z-LC — EXT. LINEAR LED TAPE FIXTURE ROOF UNDER SEATING BENCH
- Z-LD — EXT. LINEAR LED STRIP ROOF UNDER SEATING BENCH
- Z-YA — EXT. STRING MOUNTED LED BULBS ROOF CATENARY LIGHTS



1 12TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

12TH FLOOR - OVERALL RCP

SCALE: 1/8" = 1'-0" PAGE: 54 OF 75

A-406.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 3:22:46 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

RCP NOTES

NOTES:
1. ALL LIGHT FIXTURES ARE DIMENSIONED TO CENTER LINE, UON
2. DIMENSIONS SHOWN IN INDIVIDUAL BATHROOM AND KITCHEN TYPES ARE TYPICAL
3. LIGHT FIXTURE L03 (BATHROOM VANITY SCONCE) TO BE COORDINATED WITH MIDDLE OF SINK, UON. PLEASE SEE BATHROOM ELEVATIONS A610 FOR MORE INFORMATION
4. LIGHT FIXTURE L-11 (SHOWER / TUB) TO BE ALWAYS IN THE MIDDLE OF SHOWER AND TUB ALCOVE
5. LIGHT FIXTURE L-05 (WALK-IN CLOSET) TO BE MIDDLE TO DOOR UON
6. LIGHT FIXTURE L08A (UNIT ENTRANCE) TO BE 6" OFF OF DOOR, UON. PLEASE SEE CORRIDOR ELEVATIONS A-644 FOR MORE INFORMATION
7. FOR LIGHTING SYMBOL LEGEND, SEE LIGHTING SCHEDULES
8. HARDWIRED SMOKE/CARBON MONOXIDE DETECTORS SHALL COMPLY WITH RS17-13 AND INSTALLED IN ACCORDANCE WITH RS17-14. IT SHALL BE LOCATED IN EVERY DWELLING UNIT WITHIN FIFTEEN FEET OF THE PRIMARY ENTRANCE OF EACH ROOM.

SYMBOL LEGEND

- SMOKE/CO2 DETECTOR (HARD-WIRED)
- CEILING TOILET EXHAUST VENT FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- LINEAR CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- VERTICAL COVE DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- WALL MOUNTED SPRINKLER HEAD FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- PENDANT & UPRIGHT SPRINKLER HEADS FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- ACCESS DOOR TO BE COORDINATED WITH MEP & TELECOM ACCORDINGLY AS NEEDED.

V/H UNIT SPECIFIC SYMBOL LEGEND

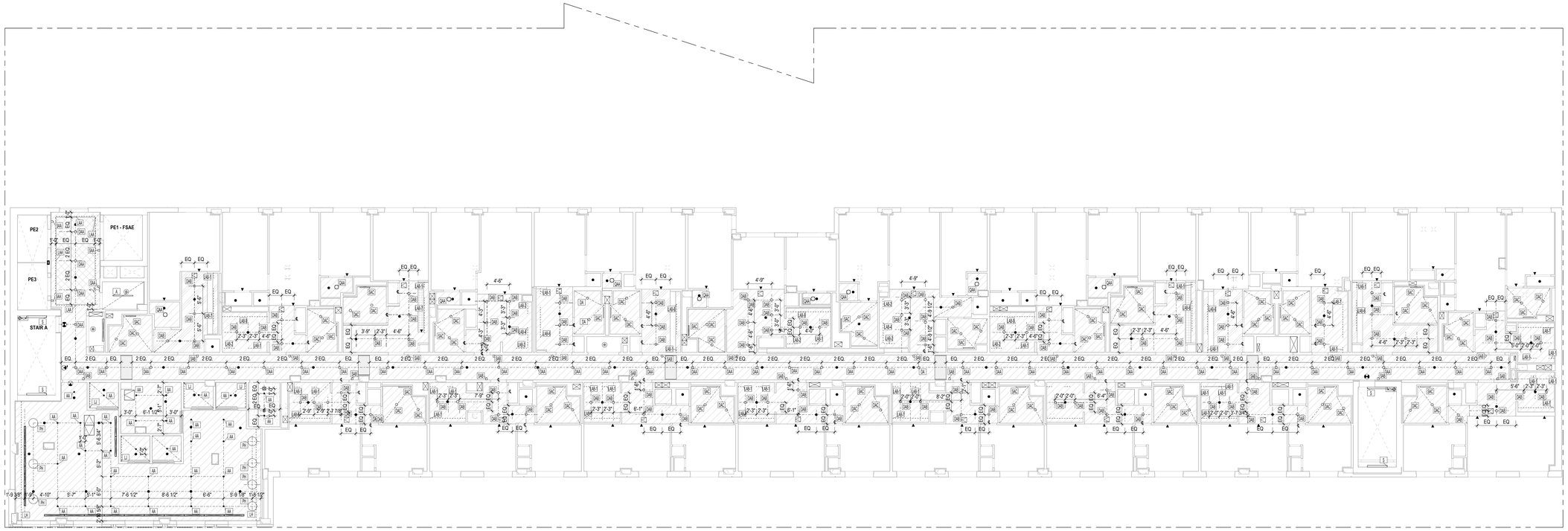
- SMOKE/CO2 DETECTOR WITH STROBE (HARD-WIRED WITH BATTERY BACK UP)
- STROBE ONLY
- DOORBELL STROBE
- FIRE ALARM SPEAKER
- CEILING MOUNTED SPEAKER
- EXIT SIGNS

FINISH CEILING LEGEND

- PAINTED GWB AT 7'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 7'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 9'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 12'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 13'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 14'-0" ABOVE FINISHED FLOOR
- PAINTED CONCRETE WITH VYNIL-BASED SKIM COAT PRIMER
- ACOUSTICAL CEILING TILES AT 9'-0" **(UON)** ABOVE FINISHED FLOOR
- 4" GLASS FIBER SPRAY INSULATION AT SLAB UNDERSIDE

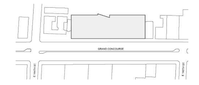
RESIDENTIAL LIGHTING LEGEND

- AA — ADJUSTABLE RECESSED DOWNLIGHT CO-WORK, AMENITIES, LOBBY, MAIL ROOM, 1ST FL ELEVATOR LOBBY
- DA — WALLWASHER DOWNLIGHT RECEPTION AREA
- DB — FIXED 30" DOWNLIGHT ELEVATOR CAB
- DC — FIXED 40" DOWNLIGHT PACKAGE ROOM
- DD — FIXED 40" DOWNLIGHT DINING ROOM, RESI AMENITY
- DF — FIXED 60" DOWNLIGHT FITNESS AREA
- DAA — FIXED 40" DOWNLIGHT RESI CORRIDOR
- DAB — FIXED 40" DOWNLIGHT RESI UNIT
- DAC — FIXED 60" DOWNLIGHT RESI UNIT BATHROOMS
- L1 — 2'x2' CEILING MOUNTED LIGHT MUSIC RM, LAUNDRY, STAFF
- LA — LINEAR LED STRIP RECEPTION AREA
- LB — LINEAR LED STRIP ELEVATOR LOBBY, MAIL ROOM
- LC — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LD — LINEAR LED TAPE FIXTURE MAIL ROOM, PACKAGE ROOM
- LF — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LG — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LH — LINEAR LED STRIP CO-WORKING
- LJ — LINEAR LED STRIP CO-WORK ZOOM ROOM
- LAA — LINEAR LED TAPE FIXTURE ELEVATOR LOBBY COVE LIGHT
- LAB — LINEAR LED TAPE FIXTURE RESI UNDER CABINET LIGHT
- PA — PENDANT MOUNT DECORATIVE RECEPTION AREA
- PB — PENDANT MOUNT DECORATIVE MAIL ROOM
- PC — PENDANT MOUNT DECORATIVE PARTY ROOM
- PF — PENDANT MOUNT DECORATIVE DINING ROOM
- PG — PENDANT MOUNT DECORATIVE CO-WORKING
- PH — PENDANT MOUNT DECORATIVE CO-WORKING
- QA — SURFACE MOUNT DECORATIVE ELEVATOR LOBBY 2ND FL
- QB — SURFACE MOUNT DECORATIVE YOGA STUDIO
- QAA — SURFACE MOUNT DECORATIVE UNIT WALK-IN CLOSETS
- SAA — WALL SCONCE DECORATIVE RESI ELEVATOR LOBBY
- SAB — WALL SCONCE DECORATIVE UNIT ENTRANCE AT CORRIDOR
- Z-DA — EXT. FIXED 30" DOWNLIGHT RESI CANOPY
- Z-JA — EXT. 1' TALL PATHWAY LIGHT ROOF
- Z-SA — EXT. SURFACE MOUNTE UP/DN SCONCE STOREFRONT
- Z-SB — EXT. WALL SCONCE DECORATIVE ROOF
- Z-LA — EXT. LINEAR LED STRIP SIGNAGE UPLIGHT
- Z-LB — EXT. LINEAR LED FIXTURE PLANTER AT RESI ENTRANCE
- Z-LC — EXT. LINEAR LED TAPE FIXTURE ROOF UNDER SEATING BENCH
- Z-LD — EXT. LINEAR LED STRIP ROOF UNDER SEATING BENCH
- Z-YA — EXT. STRING MOUNTED LED BULBS ROOF CATENARY LIGHTS



1 PENTHOUSE FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

PENTHOUSE FLOOR - OVERALL RCP

SCALE: 1/8" = 1'-0" PAGE: 55 OF 75

A-407.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 3:22:49 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

RCP NOTES

NOTES:
1. ALL LIGHT FIXTURES ARE DIMENSIONED TO CENTER LINE, UON
2. DIMENSIONS SHOWN IN INDIVIDUAL BATHROOM AND KITCHEN TYPES ARE TYPICAL
3. LIGHT FIXTURE L03 (BATHROOM VANITY SCONCE) TO BE COORDINATED WITH MIDDLE OF SINK, UON. PLEASE SEE BATHROOM ELEVATIONS A610 FOR MORE INFORMATION
4. LIGHT FIXTURE L-11 (SHOWER / TUB) TO BE ALWAYS IN THE MIDDLE OF SHOWER AND TUB ALCOVE
5. LIGHT FIXTURE L-05 (WALK-IN CLOSET) TO BE MIDDLE TO DOOR UON
6. LIGHT FIXTURE L08A (UNIT ENTRANCE) TO BE 6" OFF OF DOOR, UON. PLEASE SEE CORRIDOR ELEVATIONS A-644 FOR MORE INFORMATION
7. FOR LIGHTING SYMBOL LEGEND, SEE LIGHTING SCHEDULES
8. HARDWIRED SMOKE/CARBON MONOXIDE DETECTORS SHALL COMPLY WITH RS17-13 AND INSTALLED IN ACCORDANCE WITH RS17-14. IT SHALL BE LOCATED IN EVERY DWELLING UNIT WITHIN FIFTEEN FEET OF THE PRIMARY ENTRANCE OF EACH ROOM.

SYMBOL LEGEND

- SMOKE/CO2 DETECTOR (HARD-WIRED)
- CEILING TOILET EXHAUST VENT FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- LINEAR CEILING DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- VERTICAL COVE DIFFUSER FOR LOCATION COORDINATION ONLY- REFER TO MECHANICAL DRAWINGS
- WALL MOUNTED SPRINKLER HEAD FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- PENDANT & UPRIGHT SPRINKLER HEADS FOR LOCATION COORDINATION ONLY - REFER TO FP PLANS
- ACCESS DOOR TO BE COORDINATED WITH MEP & TELECOM ACCORDINGLY AS NEEDED.

V/H UNIT SPECIFIC SYMBOL LEGEND

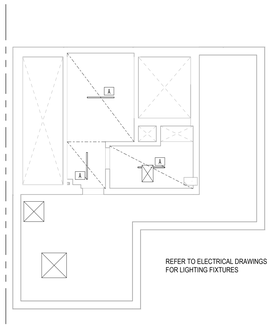
- SMOKE/CO2 DETECTOR WITH STROBE (HARD-WIRED WITH BATTERY BACK UP)
- STROBE ONLY
- DOORBELL STROBE
- FIRE ALARM SPEAKER
- CEILING MOUNTED SPEAKER
- EXIT SIGNS

FINISH CEILING LEGEND

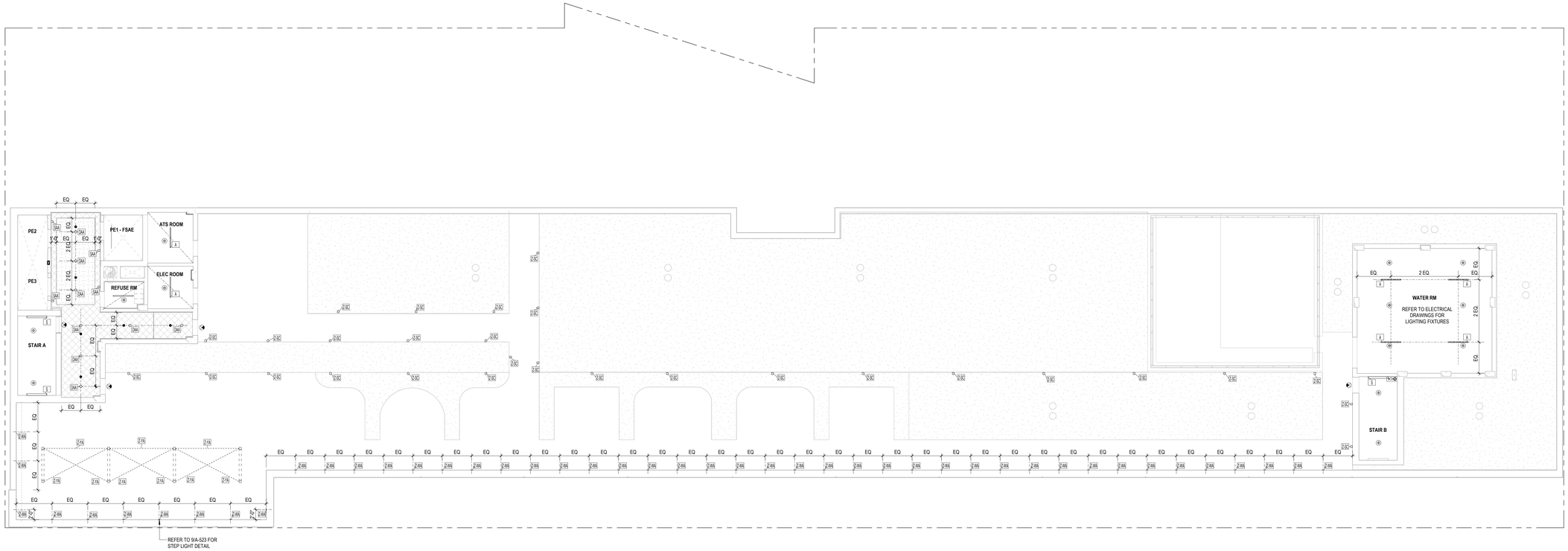
- PAINTED GWB AT 7'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 7'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 8'-11" ABOVE FINISHED FLOOR
- PAINTED GWB AT 9'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 10'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 11'-6" ABOVE FINISHED FLOOR
- PAINTED GWB AT 12'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 13'-0" ABOVE FINISHED FLOOR
- PAINTED GWB AT 14'-0" ABOVE FINISHED FLOOR
- PAINTED CONCRETE WITH VYNIL-BASED SKIM COAT PRIMER
- ACOUSTICAL CEILING TILES AT 9'-0" **(UON)** ABOVE FINISHED FLOOR
- 4" GLASS FIBER SPRAY INSULATION AT SLAB UNDERSIDE

RESIDENTIAL LIGHTING LEGEND

- AA — ADJUSTABLE RECESSED DOWNLIGHT CO-WORK, AMENITIES, LOBBY, MAIL ROOM, 1ST FL ELEVATOR LOBBY
- DA — WALLWASHER DOWNLIGHT RECEPTION AREA
- DB — FIXED 30" DOWNLIGHT ELEVATOR CAB
- DC — FIXED 40" DOWNLIGHT PACKAGE ROOM
- DD — FIXED 40" DOWNLIGHT DINING ROOM, RESI AMENITY
- DF — FIXED 60" DOWNLIGHT FITNESS AREA
- DAA — FIXED 40" DOWNLIGHT RESI CORRIDOR
- DAB — FIXED 40" DOWNLIGHT RESI UNIT
- DAC — FIXED 60" DOWNLIGHT RESI UNIT BATHROOMS
- L1 — 2'x2' CEILING MOUNTED LIGHT MUSIC RM, LAUNDRY, STAFF
- LA — LINEAR LED STRIP RECEPTION AREA
- LB — LINEAR LED STRIP ELEVATOR LOBBY, MAIL ROOM
- LC — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LD — LINEAR LED TAPE FIXTURE MAIL ROOM, PACKAGE ROOM
- LF — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LG — LINEAR LED TAPE FIXTURE ELEVATOR CAB
- LH — LINEAR LED STRIP CO-WORKING
- LJ — LINEAR LED STRIP CO-WORK ZOOM ROOM
- LAA — LINEAR LED TAPE FIXTURE ELEVATOR LOBBY COVE LIGHT
- LAB — LINEAR LED TAPE FIXTURE RESI UNDER CABINET LIGHT
- PA — PENDANT MOUNT DECORATIVE RECEPTION AREA
- PB — PENDANT MOUNT DECORATIVE MAIL ROOM
- PC — PENDANT MOUNT DECORATIVE PARTY ROOM
- PF — PENDANT MOUNT DECORATIVE DINING ROOM
- PG — PENDANT MOUNT DECORATIVE CO-WORKING
- PH — PENDANT MOUNT DECORATIVE CO-WORKING
- QA — SURFACE MOUNT DECORATIVE ELEVATOR LOBBY 2ND FL
- QB — SURFACE MOUNT DECORATIVE YOGA STUDIO
- QAA — SURFACE MOUNT DECORATIVE UNIT WALK-IN CLOSETS
- SAA — WALL SCONCE DECORATIVE RESI ELEVATOR LOBBY
- SAB — WALL SCONCE DECORATIVE UNIT ENTRANCE AT CORRIDOR
- Z-DA — EXT. FIXED 30" DOWNLIGHT RESI CANOPY
- Z-JA — EXT. 1' TALL PATHWAY LIGHT ROOF
- Z-SA — EXT. SURFACE MOUNTE UP/DN SCONCE STOREFRONT
- Z-SB — EXT. WALL SCONCE DECORATIVE ROOF
- Z-LA — EXT. LINEAR LED STRIP SIGNAGE UPLIGHT
- Z-LB — EXT. LINEAR LED FIXTURE PLANTER AT RESI ENTRANCE
- Z-LC — EXT. LINEAR LED TAPE FIXTURE ROOF UNDER SEATING BENCH
- Z-LD — EXT. LINEAR LED STRIP ROOF UNDER SEATING BENCH
- Z-YA — EXT. STRING MOUNTED LED BULBS ROOF CATENARY LIGHTS

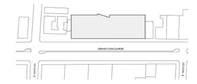


2 BULKHEAD REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



1 ROOF REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE
B	04.07.2025	65% CD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ROOF - OVERALL RCP

SCALE: 1/8" = 1'-0" PAGE: 38 OF 132

A-408.00

DOB SCAN STICKER

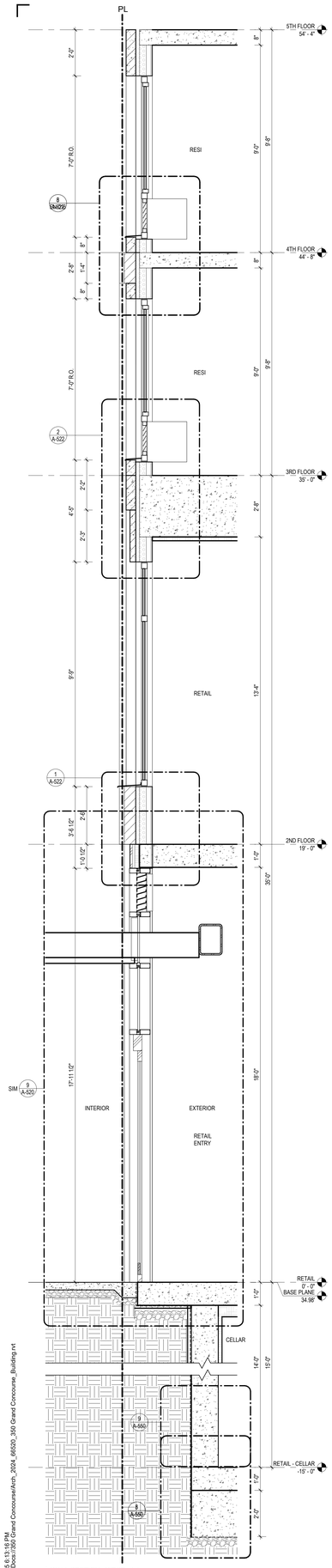
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

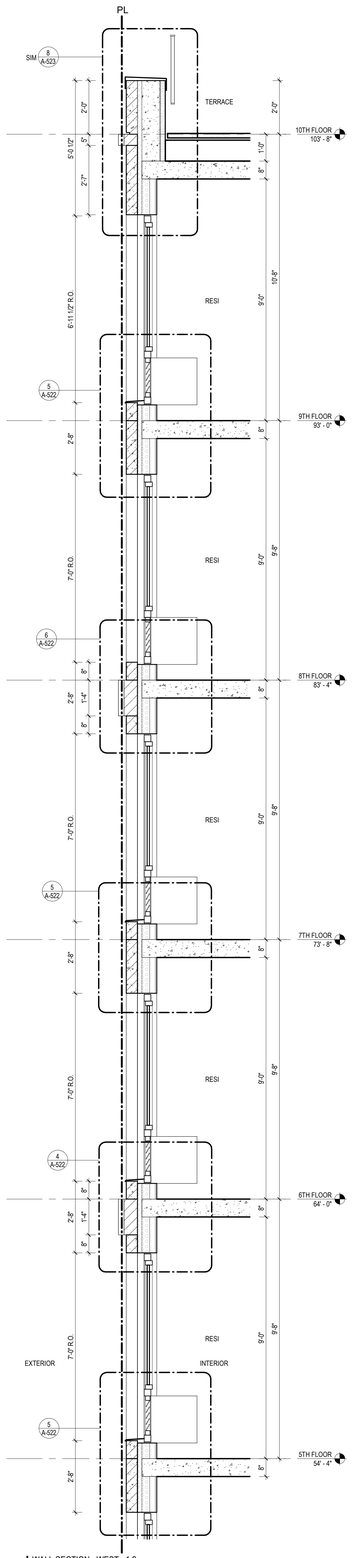
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

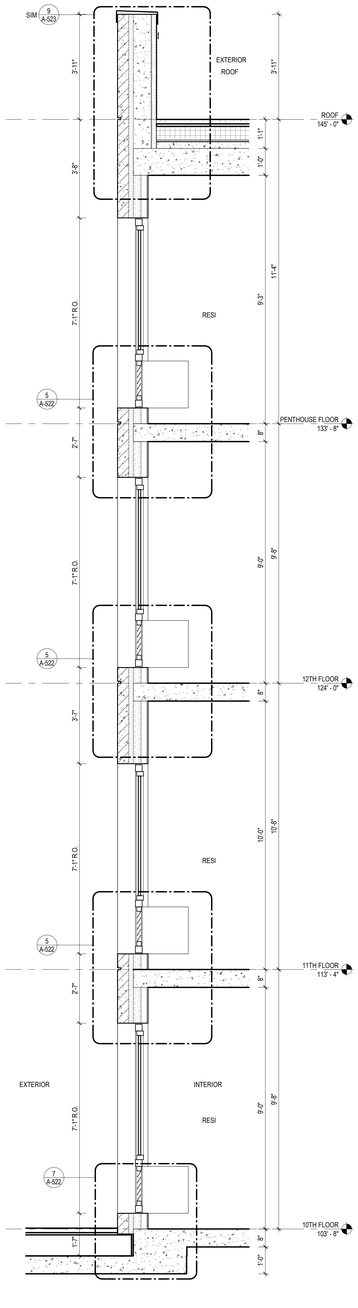
11/10/2025 3:22:50 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



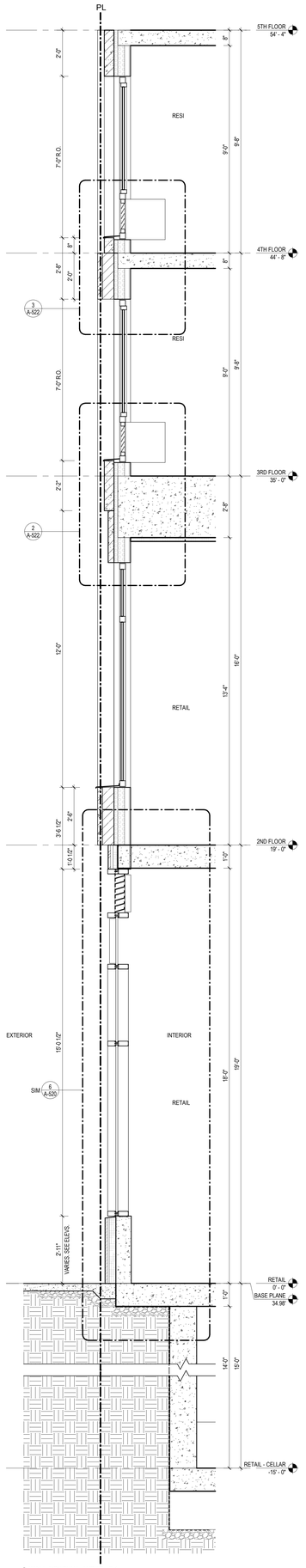
1.1 WALL SECTION - WEST - 1.1
SCALE: 1/2" = 1'-0"



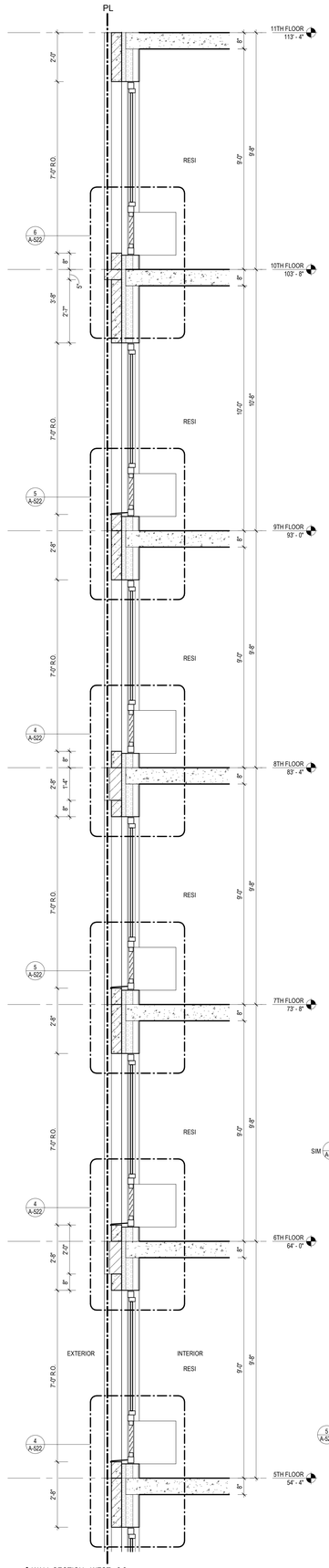
1.2 WALL SECTION - WEST - 1.2
SCALE: 1/2" = 1'-0"



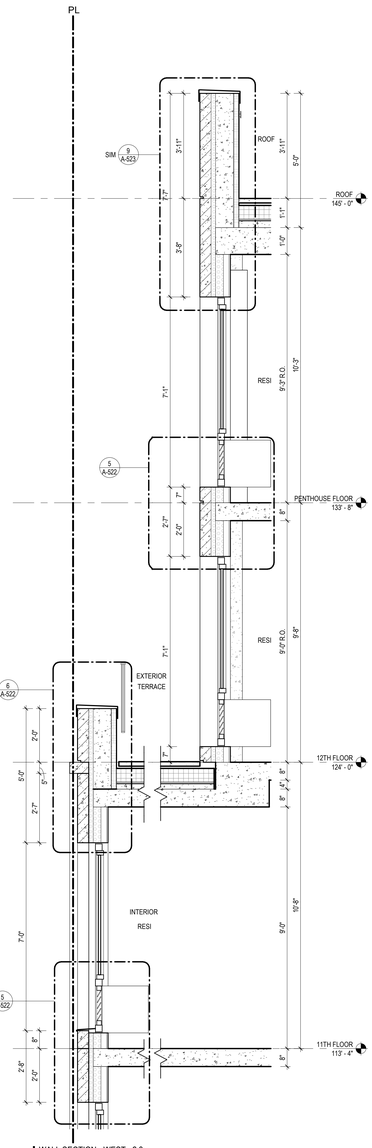
1.3 WALL SECTION - WEST - 1.3
SCALE: 1/2" = 1'-0"



2.1 WALL SECTION - WEST - 2.1
SCALE: 1/2" = 1'-0"

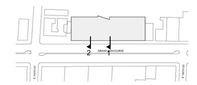


2.2 WALL SECTION - WEST - 2.2
SCALE: 1/2" = 1'-0"



2.3 WALL SECTION - WEST - 2.3
SCALE: 1/2" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

EXTERIOR WALL SECTIONS - WEST

SCALE: 1/2" = 1'-0" PAGE:56 OF 75

A-500.00

DOB SCAN STICKER

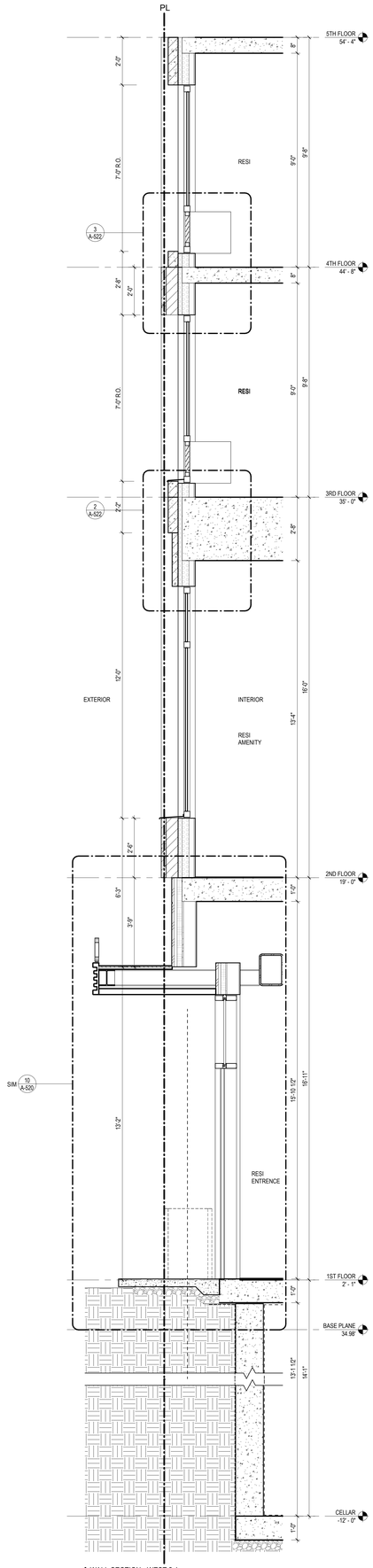
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

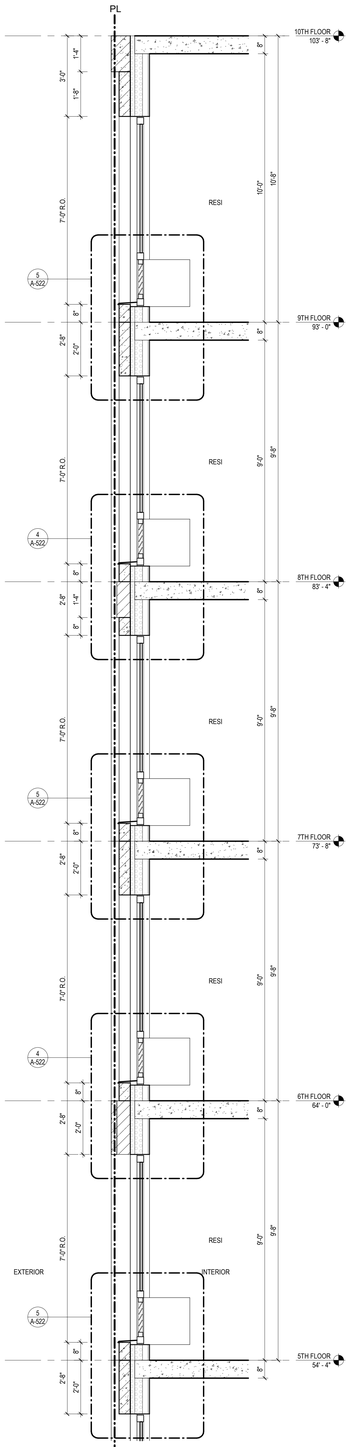
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

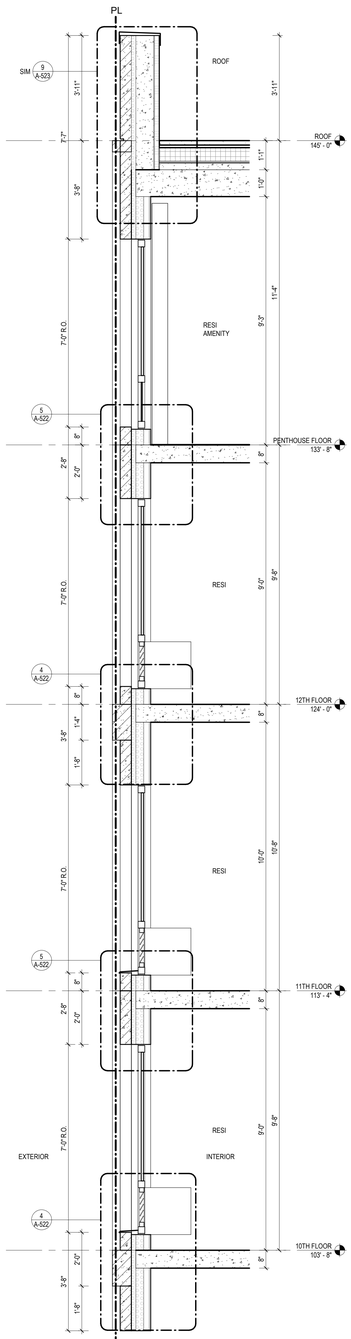
11/10/2025 6:13:16 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



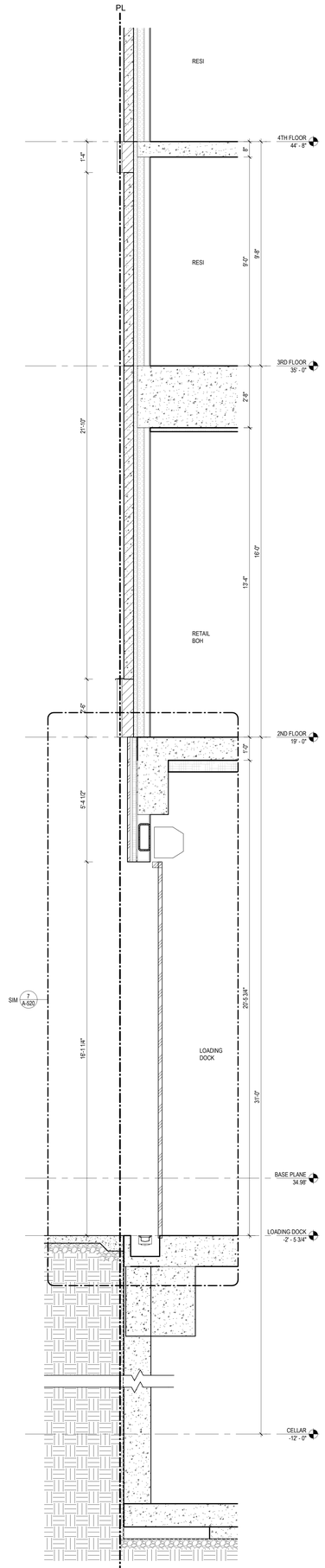
3.1 WALL SECTION - WEST 3.1
SCALE: 1/2" = 1'-0"



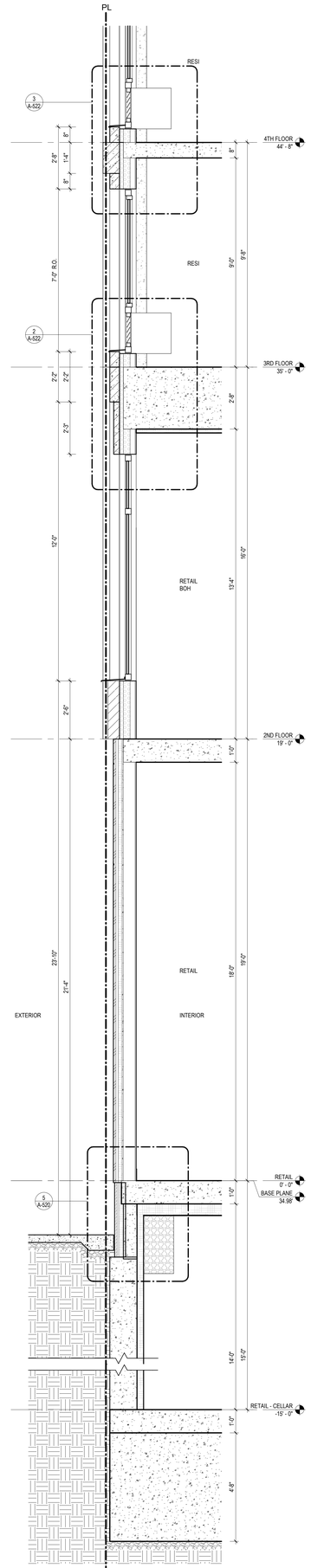
3.2 WALL SECTION - WEST 3.2
SCALE: 1/2" = 1'-0"



3.3 WALL SECTION - WEST 3.3
SCALE: 1/2" = 1'-0"

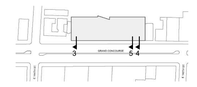


4 WALL SECTION - WEST 4
SCALE: 1/2" = 1'-0"



5 WALL SECTION - WEST - 5
SCALE: 1/2" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

EXTERIOR WALL SECTIONS - WEST

SCALE: 1/2" = 1'-0" PAGE: 57 OF 75

A-501.00

DOB SCAN STICKER

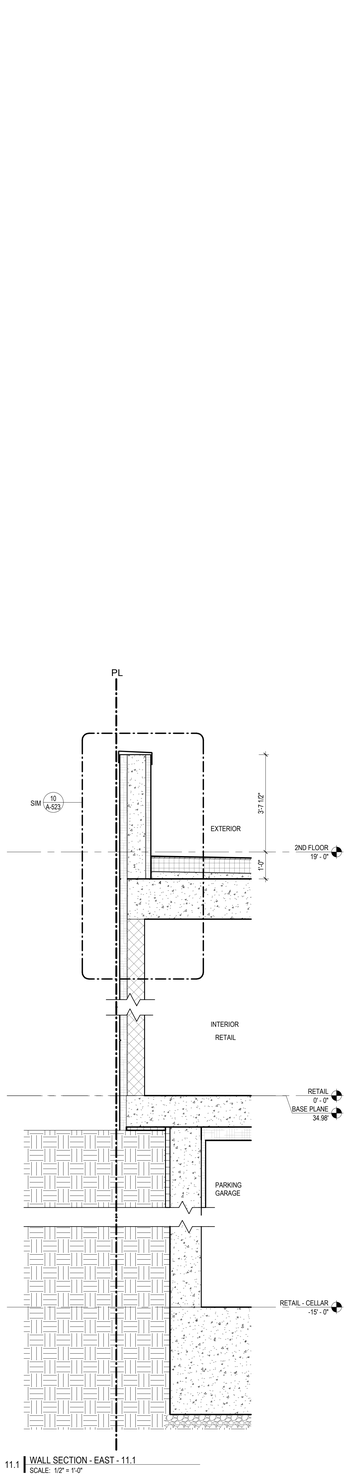
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

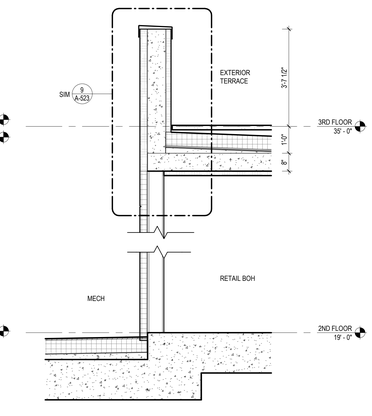
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

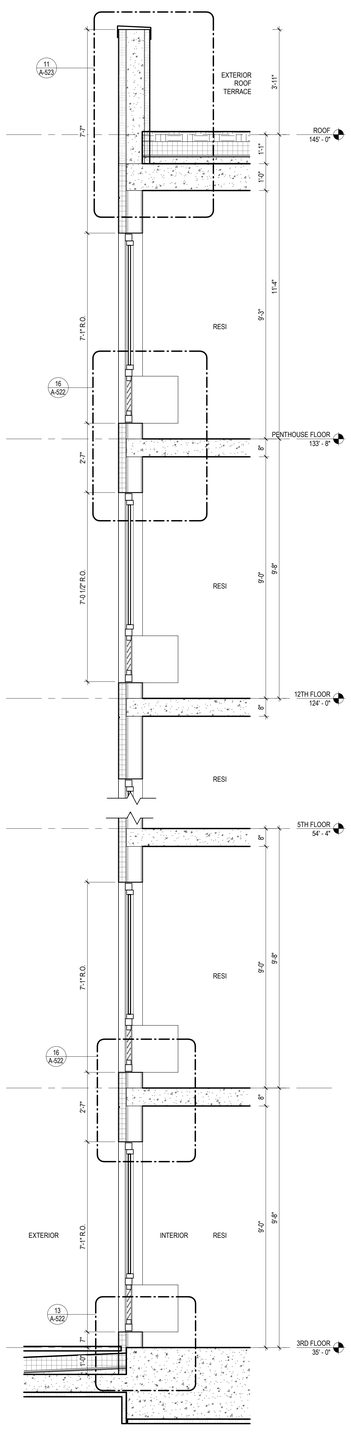
11/10/2025 6:13:16 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



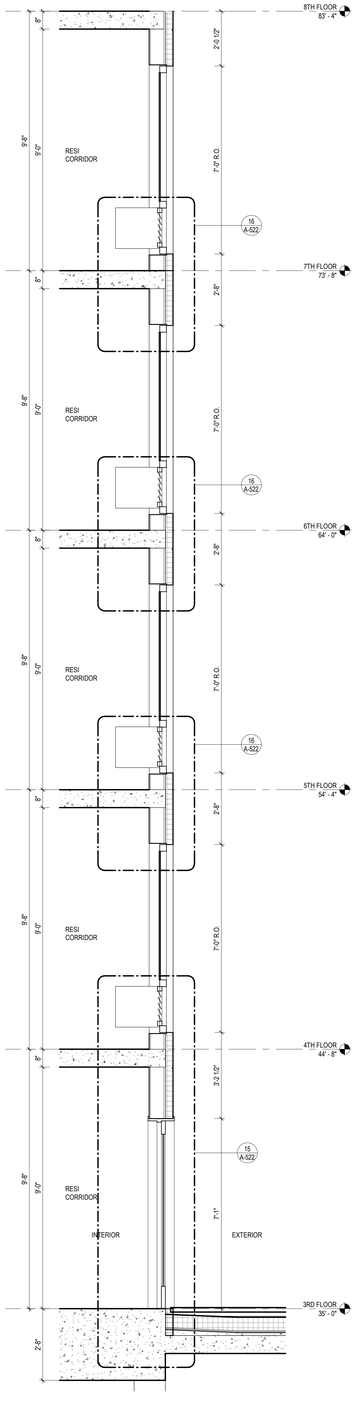
11.1 | WALL SECTION - EAST - 11.1
SCALE: 1/2" = 1'-0"



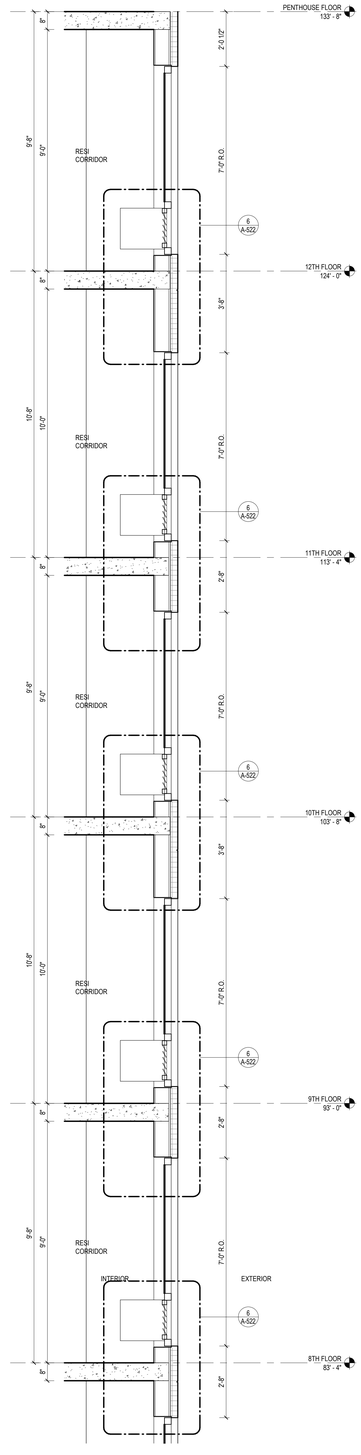
11.2 | WALL SECTION - EAST - 11.2
SCALE: 1/2" = 1'-0"



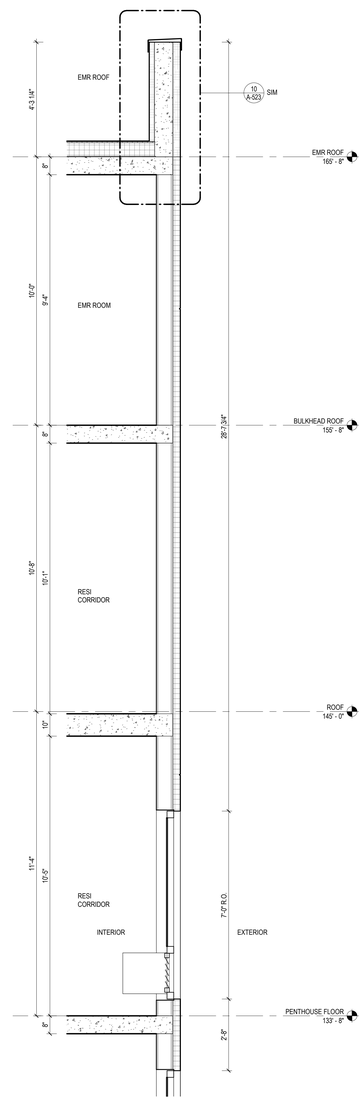
11.3 | WALL SECTION - EAST - 11.3
SCALE: 1/2" = 1'-0"



13.1 | WALL SECTION - EAST - 13.1
SCALE: 1/2" = 1'-0"

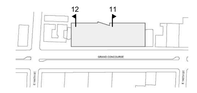


13.2 | WALL SECTION - EAST - 13.2
SCALE: 1/2" = 1'-0"



13.3 | WALL SECTION - EAST - 13.3
SCALE: 1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

EXTERIOR WALL SECTIONS - EAST

SCALE: 1/2" = 1'-0" PAGE: 60 OF 75

A-502.00

DOB SCAN STICKER

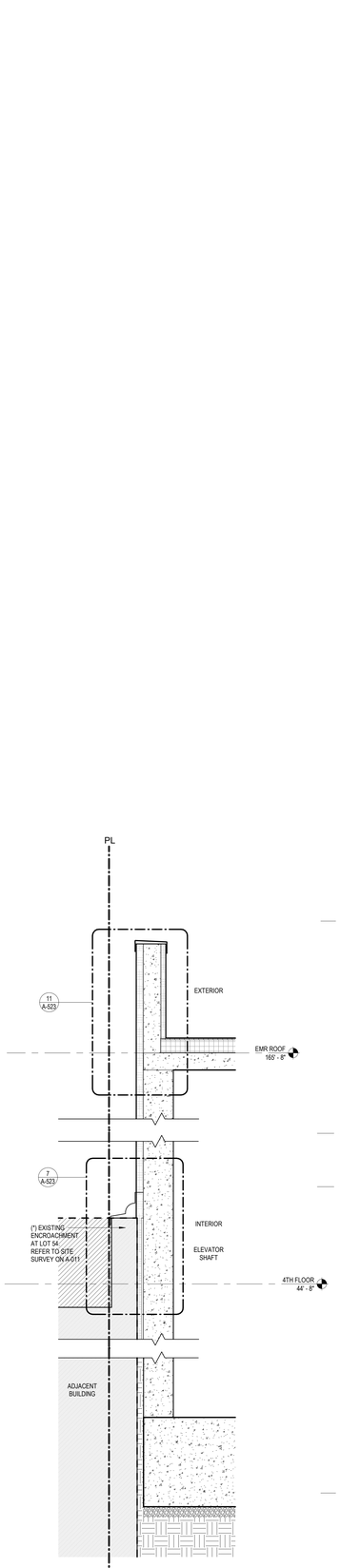
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

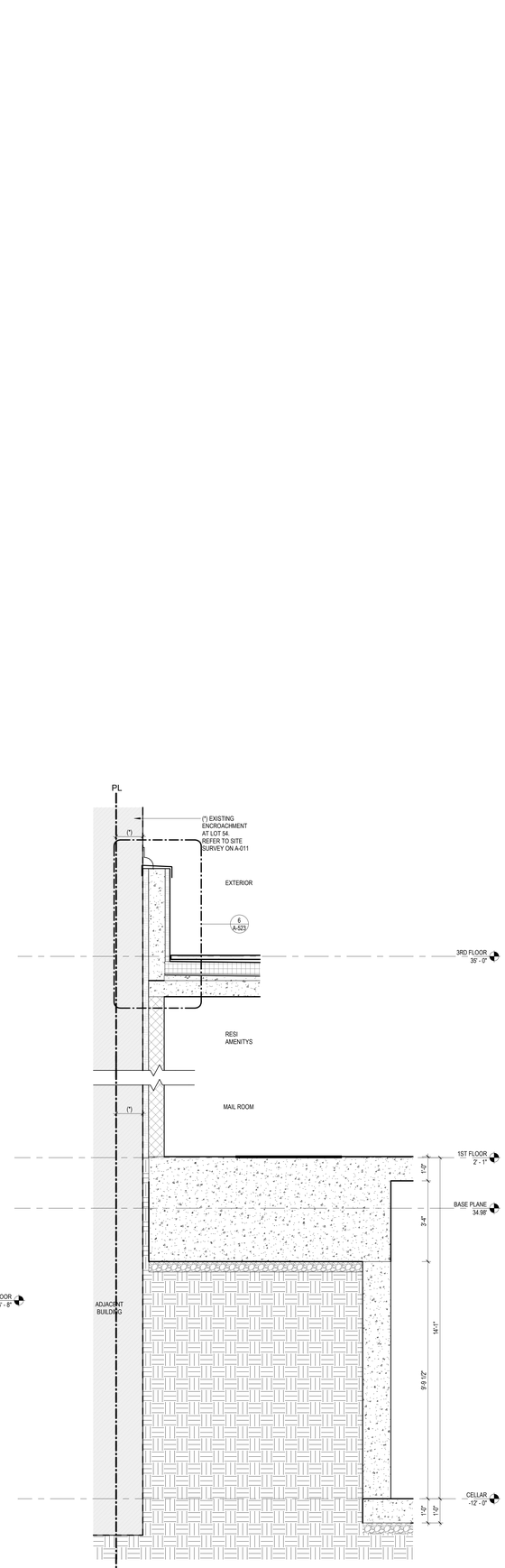
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

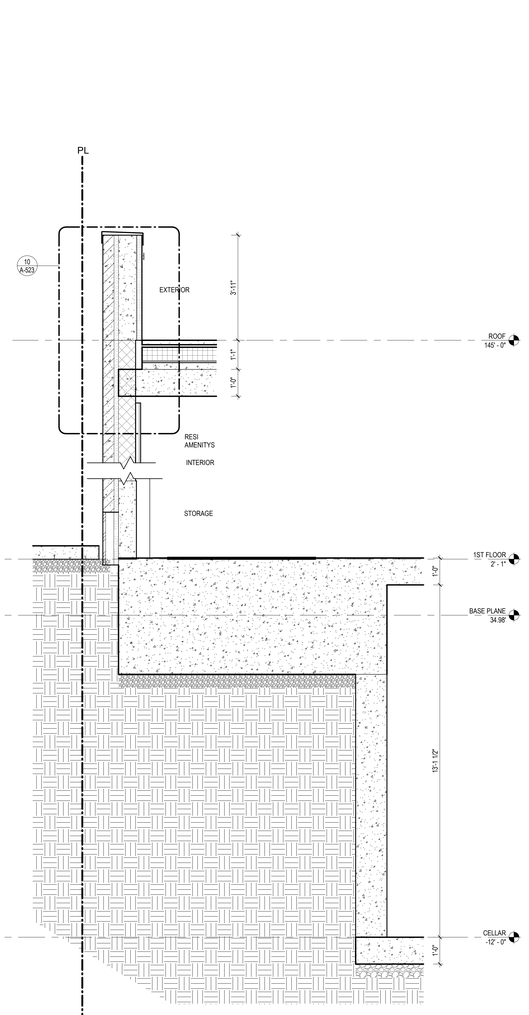
11/10/2025 6:13:17 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



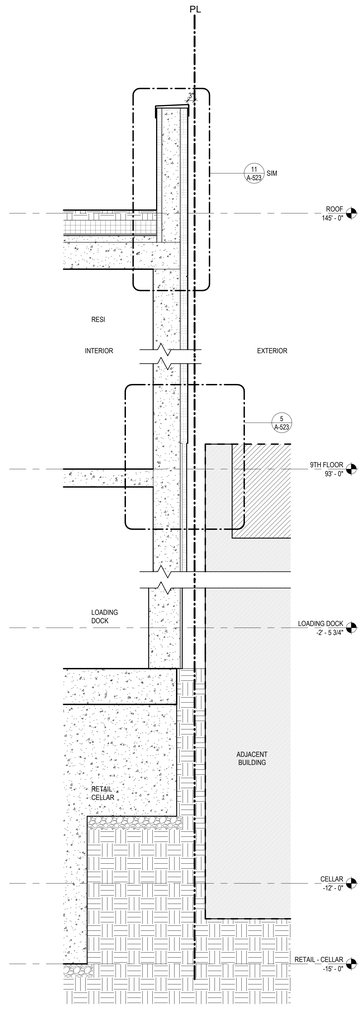
6 WALL SECTION - NORTH - 6
SCALE: 1/2" = 1'-0"



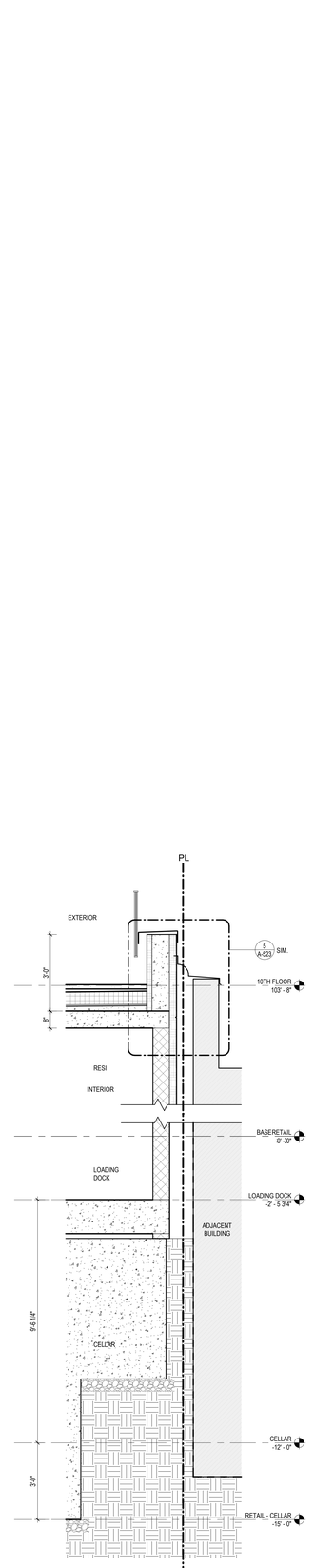
7 WALL SECTION - NORTH - 7
SCALE: 1/2" = 1'-0"



8 WALL SECTION - NORTH - 8
SCALE: 1/2" = 1'-0"

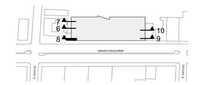


9 WALL SECTION - SOUTH - 9
SCALE: 1/2" = 1'-0"



10 WALL SECTION - SOUTH - 10
SCALE: 1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

EXTERIOR WALL SECTIONS - NORTH AND SOUTH

SCALE: 1/2" = 1'-0" PAGE: 58 OF 75

A-503.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

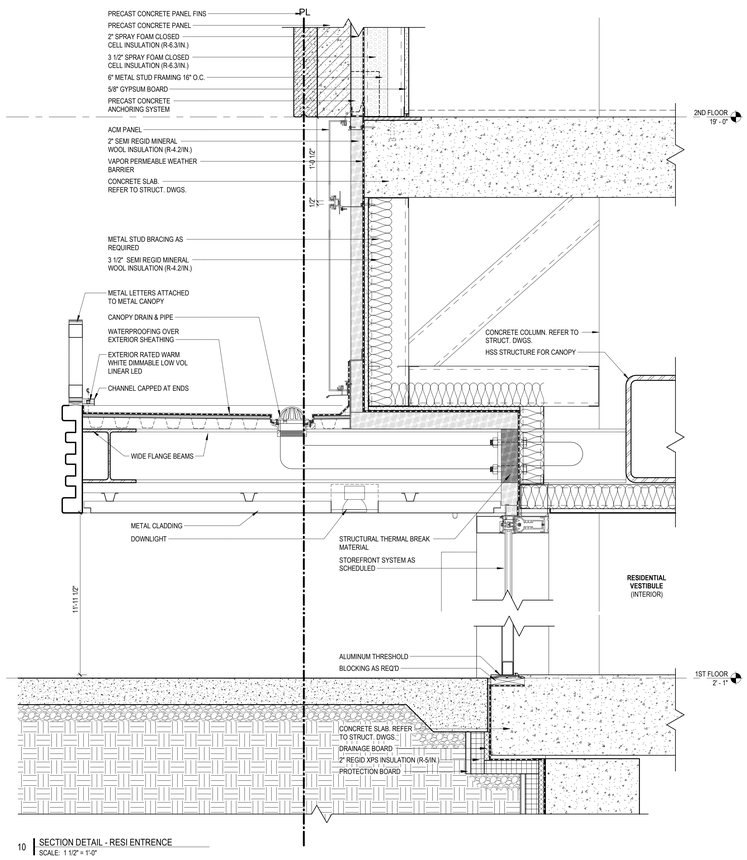
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

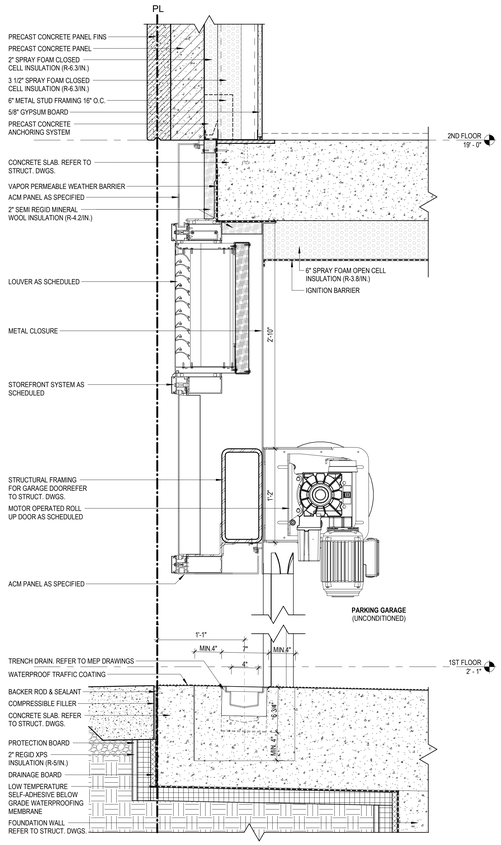
11/10/2025 6:13:17 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

KEY NOTES:

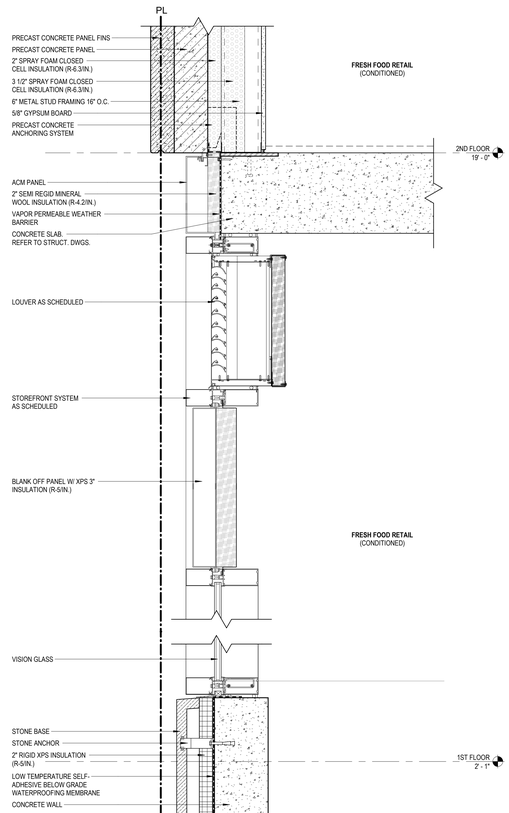
1. **BC 1401.2** ANY DEVIATION WHICH OCCURS DURING THE COURSE OF INSTALLATION WILL BE EVALUATED AND APPROVED BY THE APPLICATE OF RECORD OR REGISTERED DESIGN PROFESSIONAL. NO DEVIATION SHALL BE APPROVED THAT WOULD RESULT IN AN ASSEMBLY THAT WOULD OTHERWISE FAIL TO PASS THE ACCEPTANCE CRITERIA OF NFPA 285.



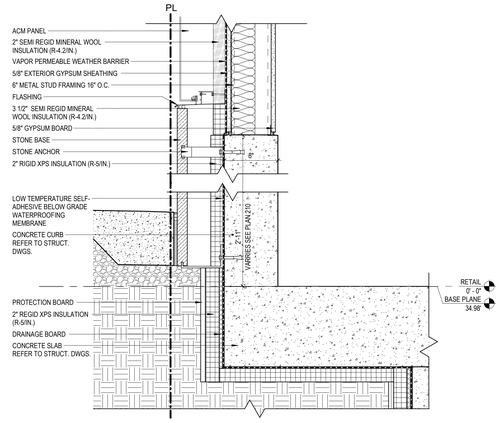
10 SECTION DETAIL - RESI ENTRENCE
SCALE: 1 1/2" = 1'-0"



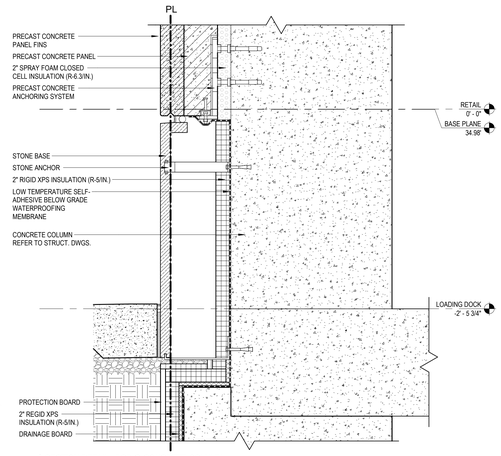
8 SECTION DETAIL - PARKING ENTRANCE
SCALE: 1 1/2" = 1'-0"



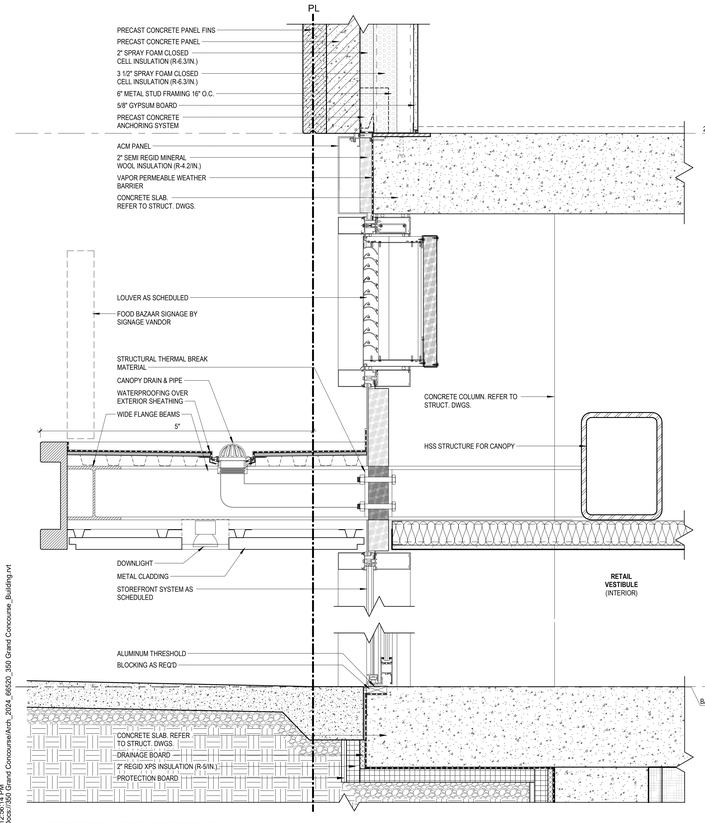
6 SECTION DETAIL - STOREFRONT AT OFFSET SLAB
SCALE: 1 1/2" = 1'-0"



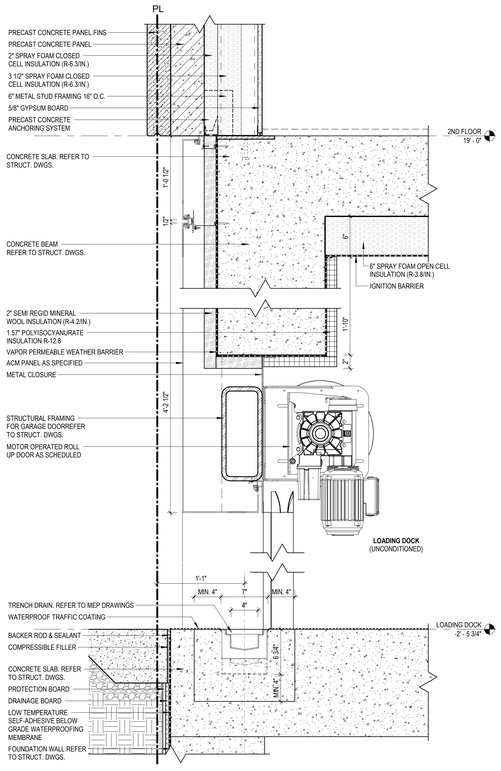
4 SECTION DETAIL - METAL PANEL @ STONE BASE
SCALE: 1 1/2" = 1'-0"



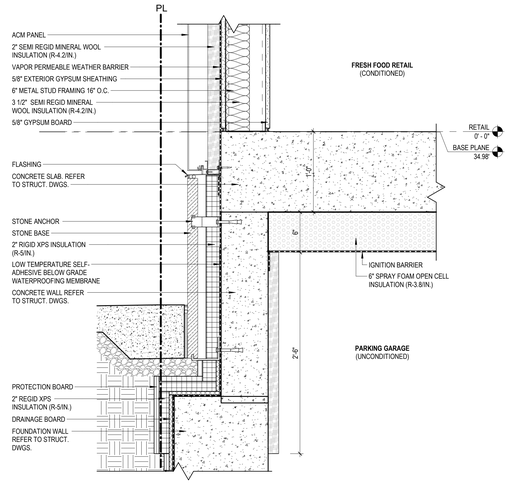
3 SECTION DETAIL - PCP @ CONCRETE COLUMN
SCALE: 1 1/2" = 1'-0"



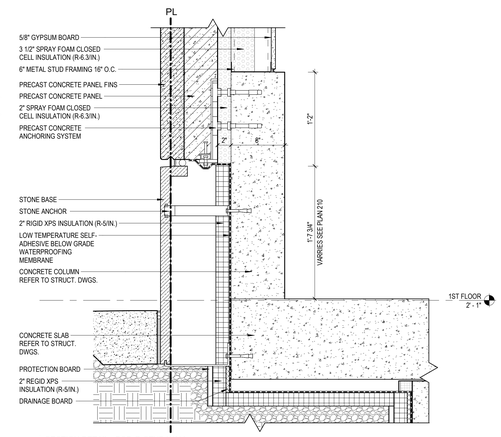
9 SECTION DETAIL - RETAIL STORE ENTRANCE
SCALE: 1 1/2" = 1'-0"



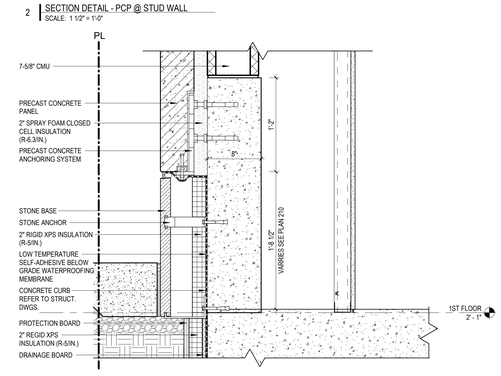
7 SECTION DETAIL - LOADING ENTRANCE
SCALE: 1 1/2" = 1'-0"



5 SECTION DETAIL - SLAB STEPPING DETAIL
SCALE: 1 1/2" = 1'-0"

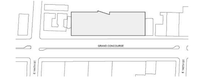


2 SECTION DETAIL - PCP @ STUD WALL
SCALE: 1 1/2" = 1'-0"



1 SECTION DETAIL - PCP @ CMU WALL
SCALE: 1 1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.25.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:
SECTION DETAILS 1ST FLOOR STOREFRONT

SCALE: As indicated PAGE: 62 OF 75

A-520.00

DOB SCAN STICKER

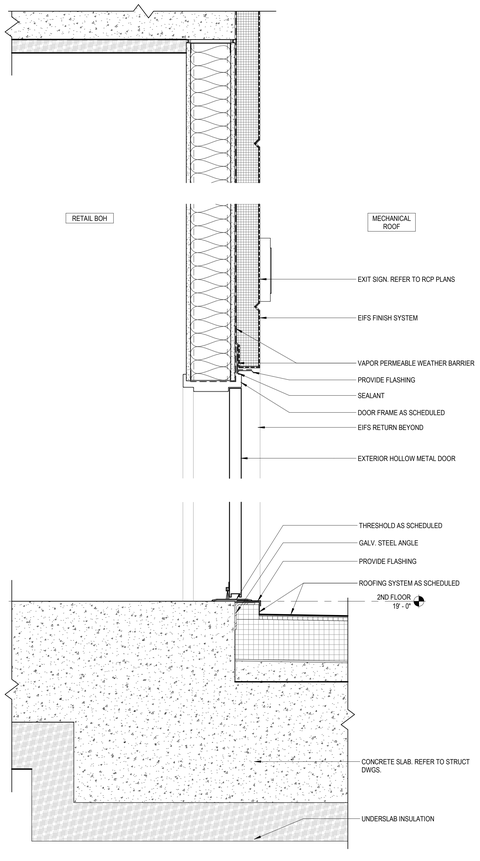
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

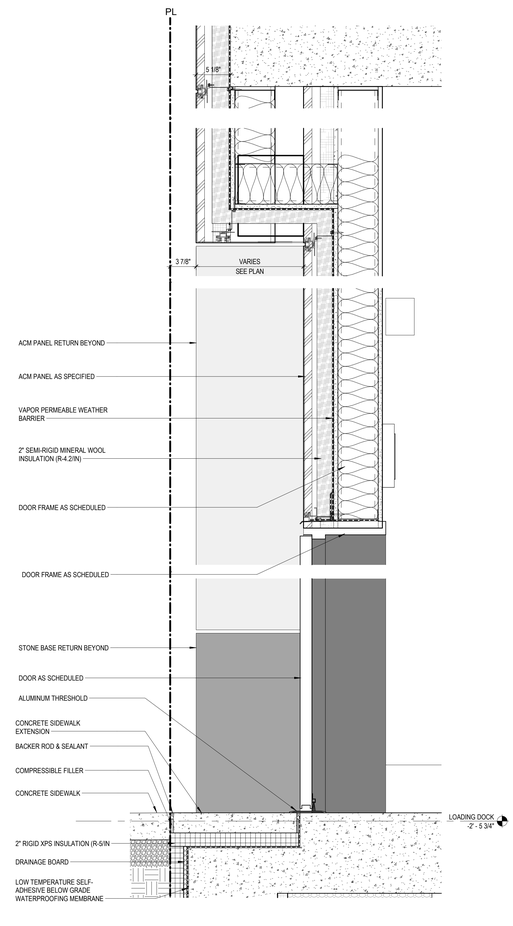
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 12:56:14 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

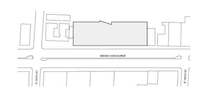


2 SECTION DETAIL - DOOR TO MECHANICAL ROOF
SCALE: 1 1/2" = 1'-0"



1 SECTION DETAIL - EGRESS DOOR @ ACM PANELS
SCALE: 1 1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 38TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

SECTION DETAILS 1ST FLOOR STOREFRONT 2

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

A-521.00

DOB SCAN STICKER

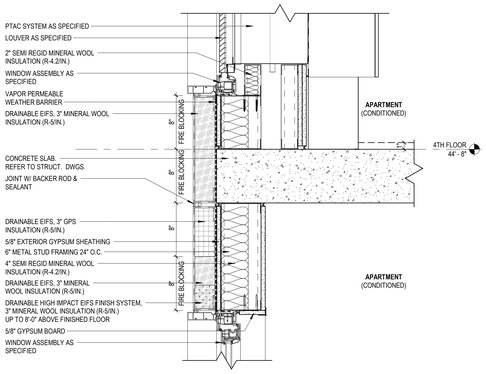
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

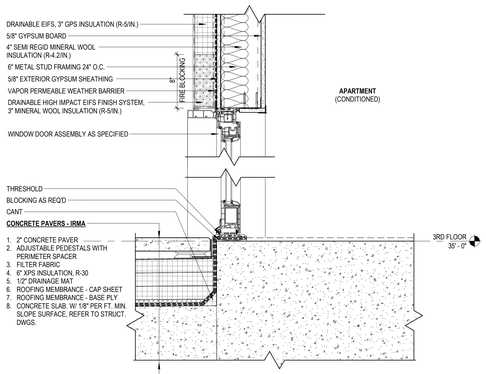
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

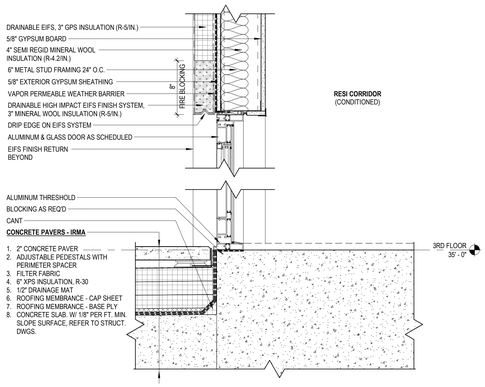
11/10/2025 3:37:59 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



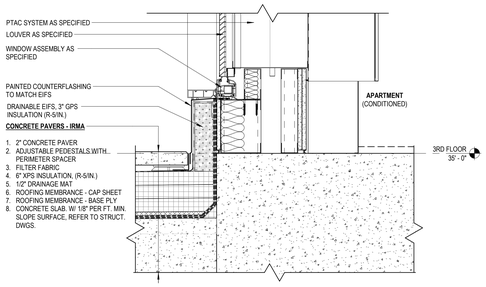
16 SECTION DETAIL - EIFS DETAIL ON EAST FACADE
SCALE: 1 1/2" = 1'-0"



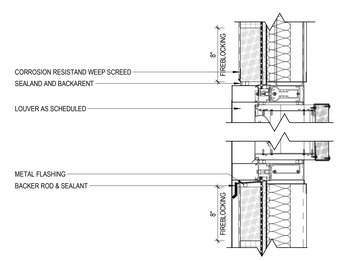
15 SECTION DETAIL - RESI POLYMER TERRACE DOOR - EIFS
SCALE: 1 1/2" = 1'-0"



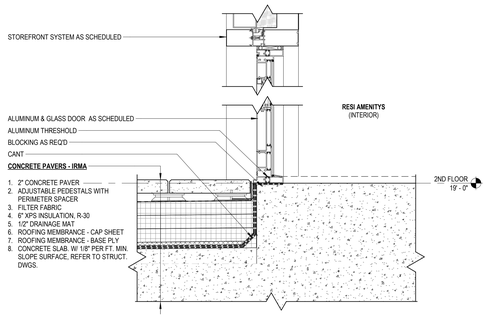
14 SECTION DETAIL - METAL TERRACE DOOR - EIFS
SCALE: 1 1/2" = 1'-0"



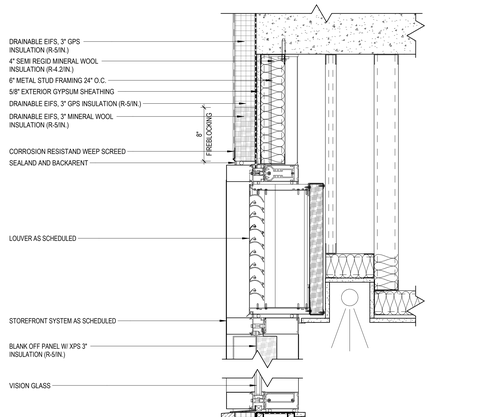
13 SECTION DETAIL - EIFS AT TERRACE SILL
SCALE: 1 1/2" = 1'-0"



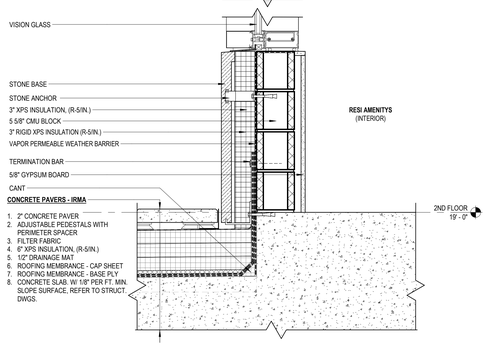
12 SECTION DETAIL - LOUVER AT EIFS WALL
SCALE: 1 1/2" = 1'-0"



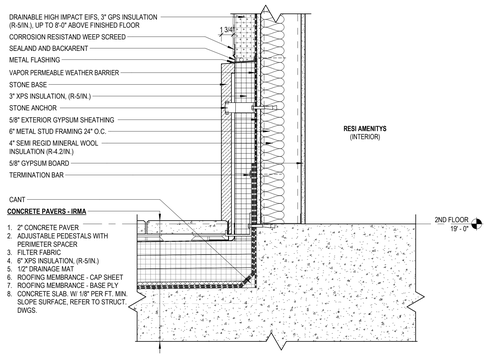
11 SECTION DETAIL - STOREFRONT DOOR @ 2ND FLOOR
SCALE: 1 1/2" = 1'-0"



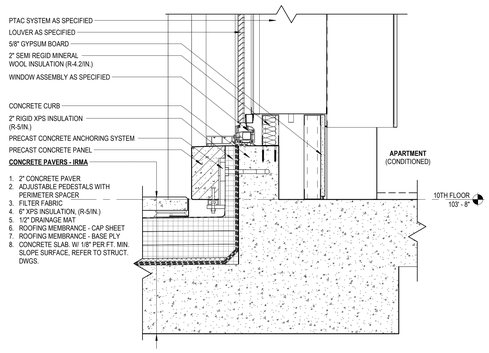
9 SECTION DETAIL - 2ND FLOOR EIFS W/ STONE BASE
SCALE: 1 1/2" = 1'-0"



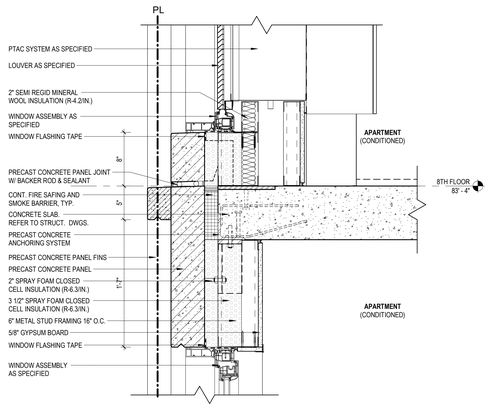
10 SECTION DETAIL - STOREFRONT @ 2ND FLOOR
SCALE: 1 1/2" = 1'-0"



8 SECTION DETAIL - 2ND FLOOR EIFS W/ FLASHING
SCALE: 1 1/2" = 1'-0"

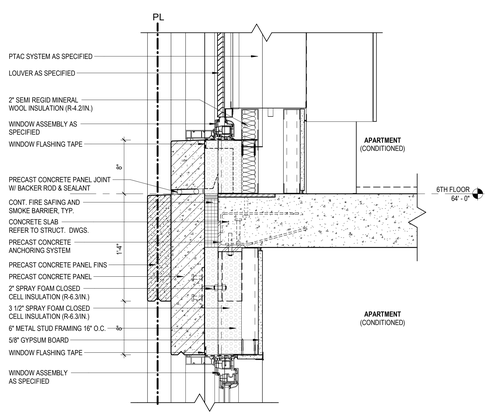


7 SECTION DETAIL - PTAC AT TERRACE
SCALE: 1 1/2" = 1'-0"

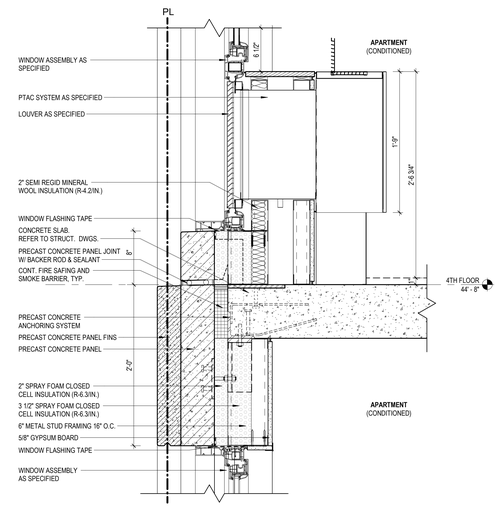


6 SECTION DETAIL - PCP - 5" FIN - WINDOW TYP 2
SCALE: 1 1/2" = 1'-0"

5 SECTION DETAIL - PCP - NO FIN - WINDOW TYP 2
SCALE: 1 1/2" = 1'-0"

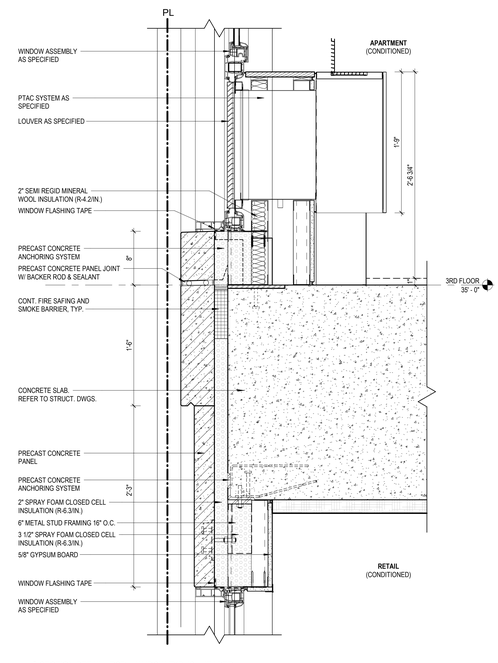


4 SECTION DETAIL - PCP - 1'6" FIN - WINDOW TYP 2
SCALE: 1 1/2" = 1'-0"

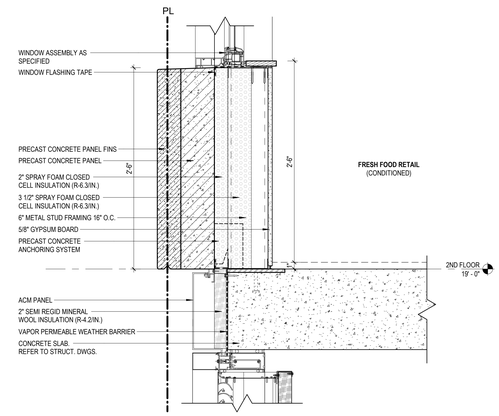


2 SECTION DETAIL - PCP - WINDOW TYP 10 - HEADER
SCALE: 1 1/2" = 1'-0"

3 SECTION DETAIL - PCP - 2' FIN - WINDOW TYP 2
SCALE: 1 1/2" = 1'-0"



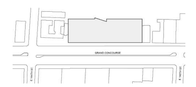
1 SECTION DETAIL - PCP - WINDOW TYP 10 - JAMB
SCALE: 1 1/2" = 1'-0"



KEY NOTES:

1. **BC 1401.2** ANY DEVIATION WHICH OCCURS DURING THE COURSE OF INSTALLATION WILL BE EVALUATED AND APPROVED BY THE APPLICATE OF RECORD OR REGISTERED DESIGN PROFESSIONAL. NO DEVIATION SHALL BE APPROVED THAT WOULD RESULT IN AN ASSEMBLY THAT WOULD OTHERWISE FAIL TO PASS THE ACCEPTANCE CRITERIA OF NFPA 285.

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.25.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

SECTION DETAILS WINDOWS, DOORS AND STOREFRONT

SCALE: As indicated PAGE:61 OF 75

A-522.00

DOB SCAN STICKER

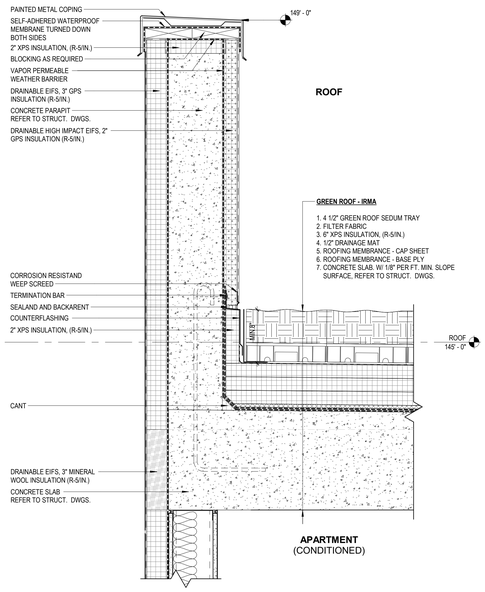
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

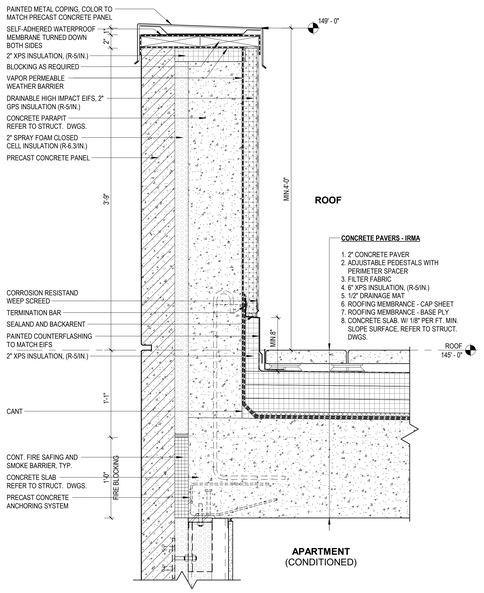
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

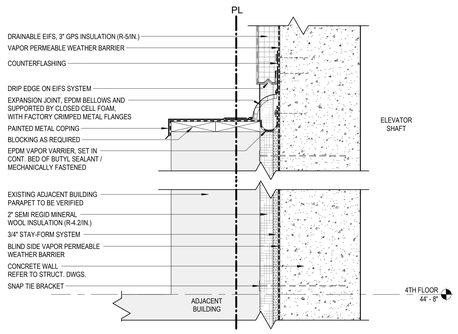
11/7/2025 1:48:49 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



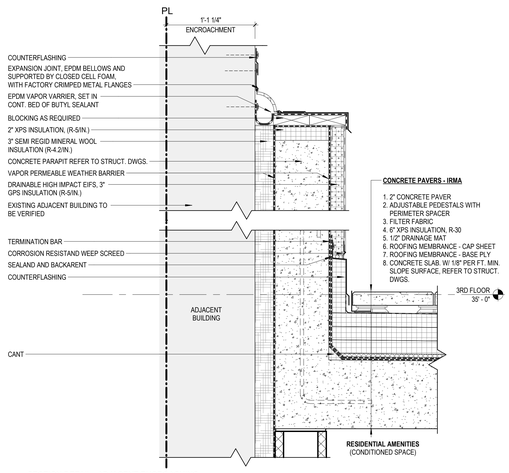
11 | SECTION DETAIL - TYP. EIFS PARAPET
SCALE: 1 1/2" = 1'-0"



9 | SECTION DETAIL - PRECAST PANEL PARAPET
SCALE: 1 1/2" = 1'-0"



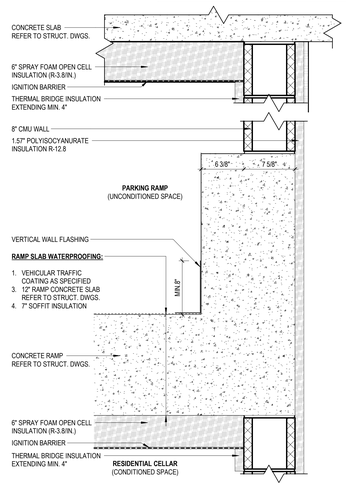
7 | SECTION DETAIL - ADJACENT ENCROACHING BUILDING (NORTH)
SCALE: 1 1/2" = 1'-0"



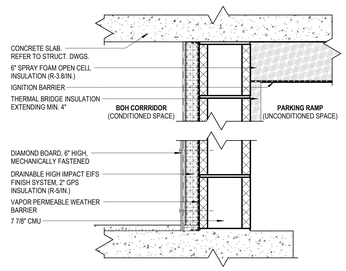
6 | SECTION DETAIL - ADJACENT ENCROACHING BUILDING (NORTH) AT PARAPIT
SCALE: 1 1/2" = 1'-0"

KEY NOTES:

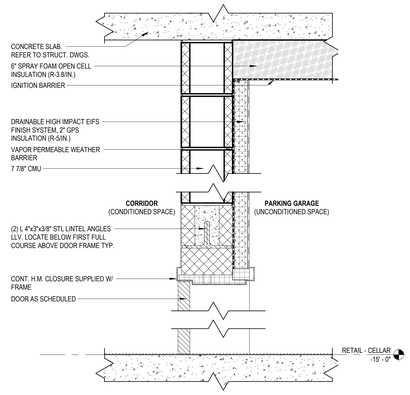
1. **BC 1401.2**: ANY DEVIATION WHICH OCCURS DURING THE COURSE OF INSTALLATION WILL BE EVALUATED AND APPROVED BY THE APPLICATE OF RECORD OR REGISTERED DESIGN PROFESSIONAL. NO DEVIATION SHALL BE APPROVED THAT WOULD RESULT IN AN ASSEMBLY THAT WOULD OTHERWISE FAIL TO PASS THE ACCEPTANCE CRITERIA OF NFPA 285.



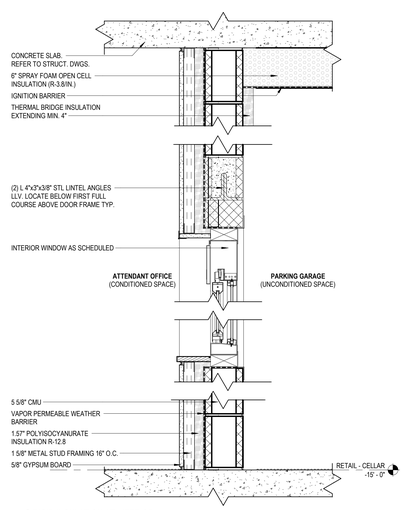
4 | SECTION DETAIL - GARAGE RAMP
SCALE: 1 1/2" = 1'-0"



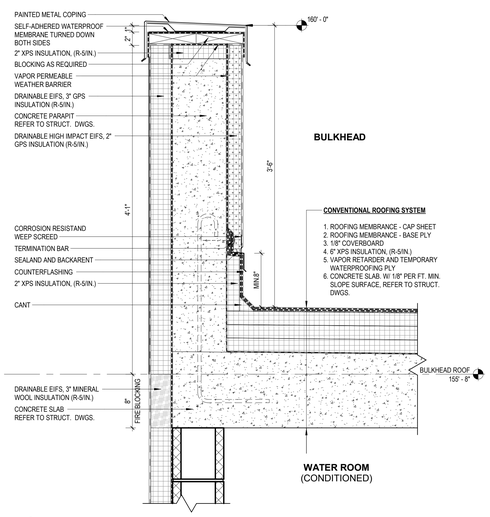
3 | SECTION DETAIL - INTERIOR EIFS DIAMOND BOARD
SCALE: 1 1/2" = 1'-0"



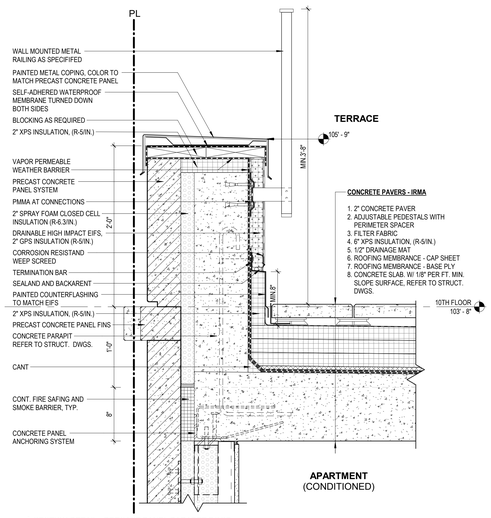
2 | SECTION DETAIL - INTERIOR EIFS DOOR
SCALE: 1 1/2" = 1'-0"



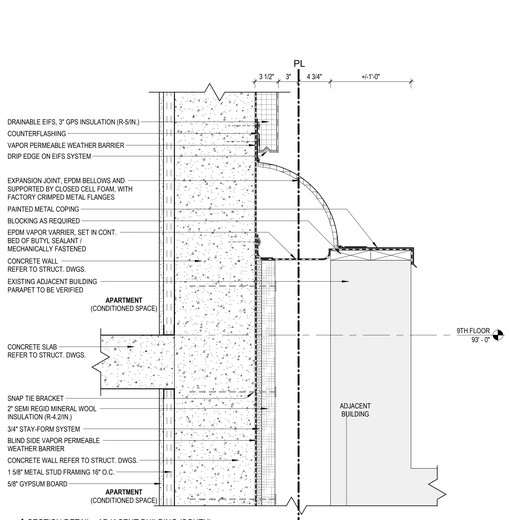
1 | RIGID INSULATION AT INTERIOR
SCALE: 1 1/2" = 1'-0"



10 | SECTION DETAIL - CONVENTIONAL ROOF
SCALE: 1 1/2" = 1'-0"

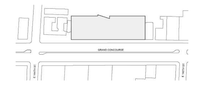


8 | SECTION DETAIL - PRECAST PANEL PARAPET ROOF
SCALE: 1 1/2" = 1'-0"



5 | SECTION DETAIL - ADJACENT BUILDING (SOUTH)
SCALE: 1 1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

SECTION DETAILS INT. WALLS, PARAPET, ROOF AND ADJ. BLDG.

SCALE: As Indicated PAGE: 62 OF 75

A-523.00

DOB SCAN STICKER

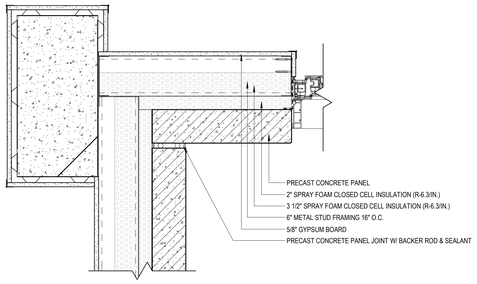
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

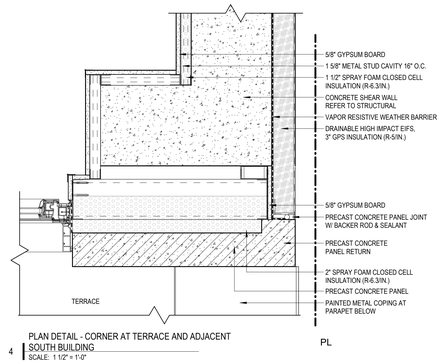
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

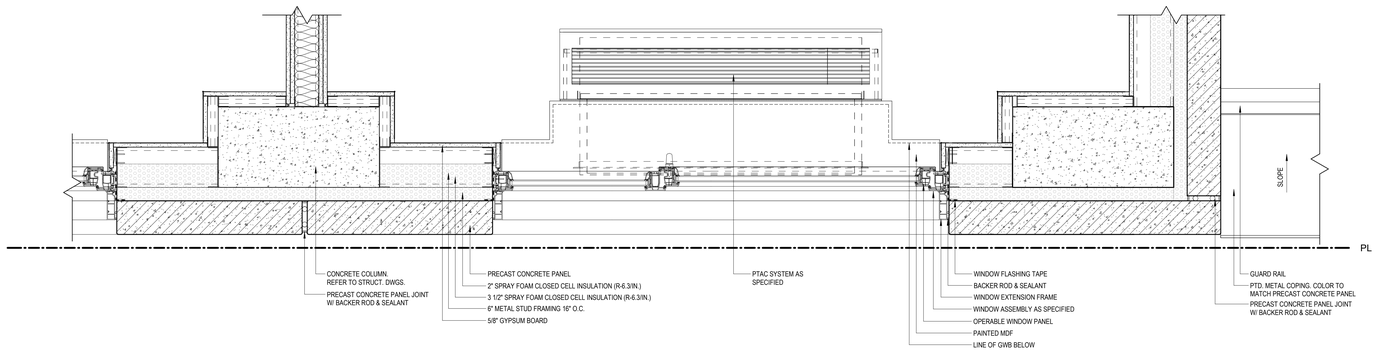
11/7/2025 12:56:24 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



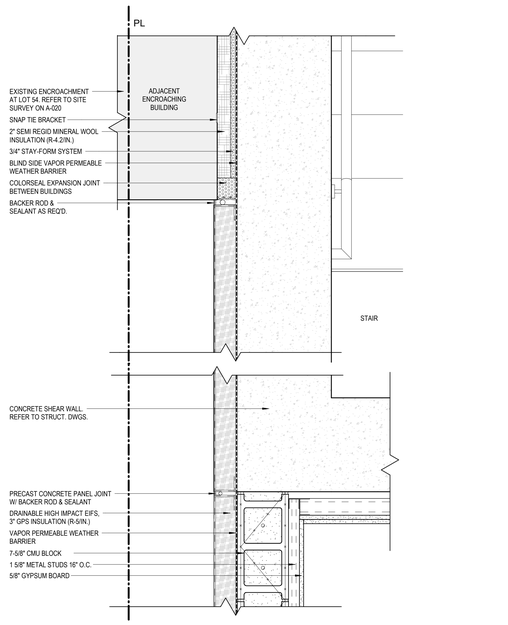
5 PLAN DETAIL - INSIDE CORNER AT TERRACE
SCALE: 1 1/2" = 1'-0"



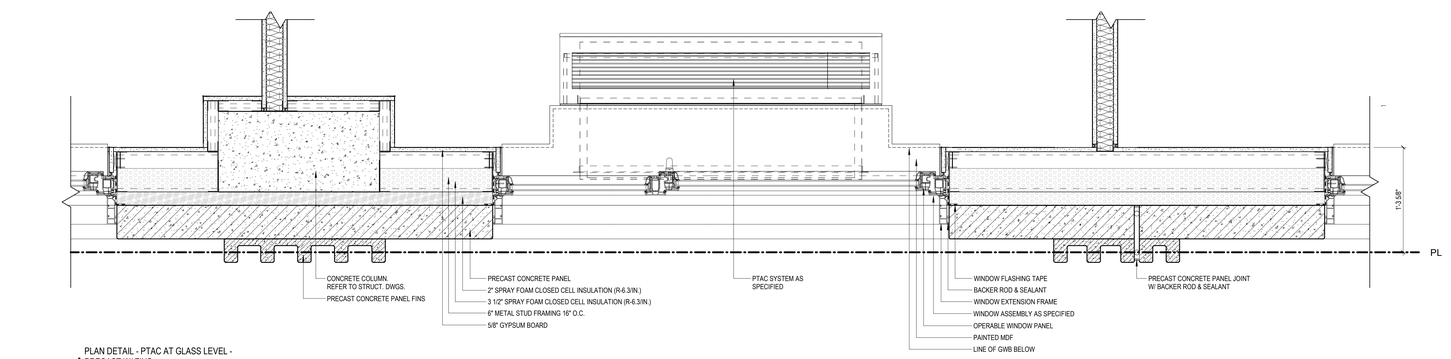
4 PLAN DETAIL - CORNER AT TERRACE AND ADJACENT SOUTH BUILDING
SCALE: 1 1/2" = 1'-0"



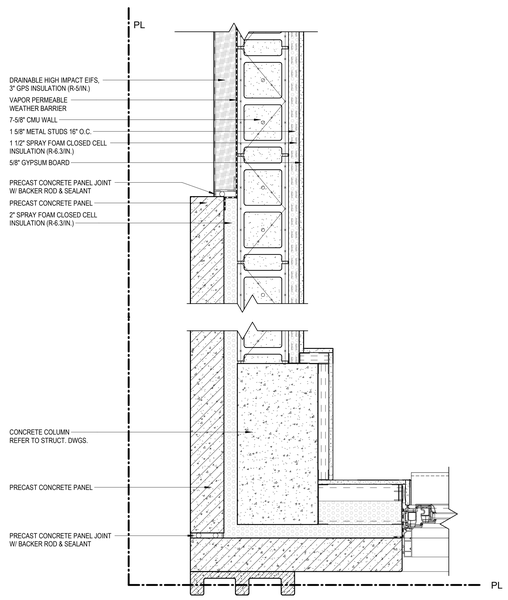
3 PLAN DETAILS - PTAC AT GLASS LEVEL - PRECAST WITH NO FINS & CORNER
SCALE: 1 1/2" = 1'-0"



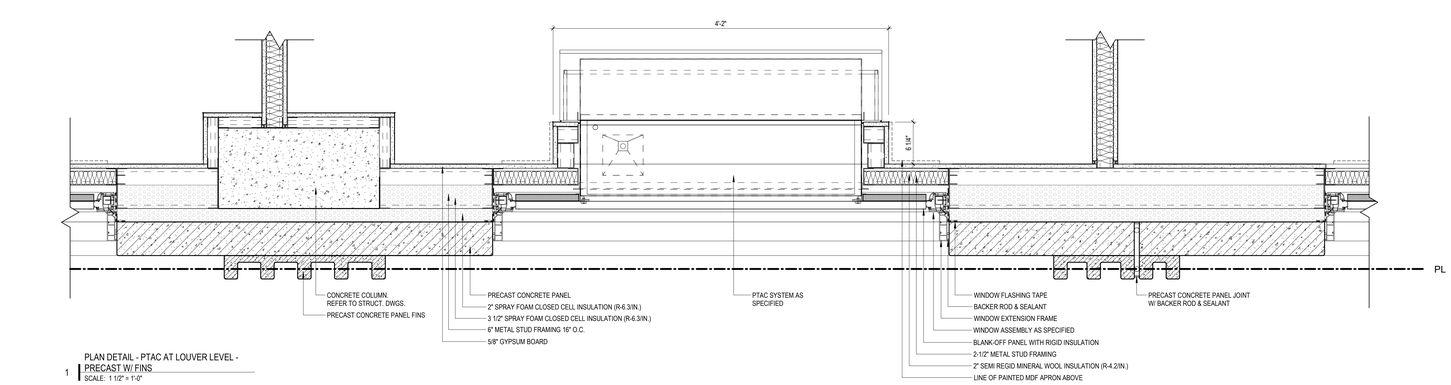
7 PLAN DETAIL - TRANSITION EIFS - ADJ. BUILDING
SCALE: 1 1/2" = 1'-0"



2 PLAN DETAIL - PTAC AT GLASS LEVEL - PRECAST W/ FINS
SCALE: 1 1/2" = 1'-0"

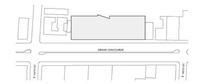


6 PLAN DETAIL - CORNER AT PRECAST PANELS & TRANSITION TO EIFS
SCALE: 1 1/2" = 1'-0"



1 PLAN DETAIL - PTAC AT LOUVER LEVEL - PRECAST W/ FINS
SCALE: 1 1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY. 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

PLAN DETAILS @ PRECAST CONCRETE PANELS

SCALE: 1 1/2" = 1'-0" PAGE: 63 OF 75

A-530.00

DOB SCAN STICKER

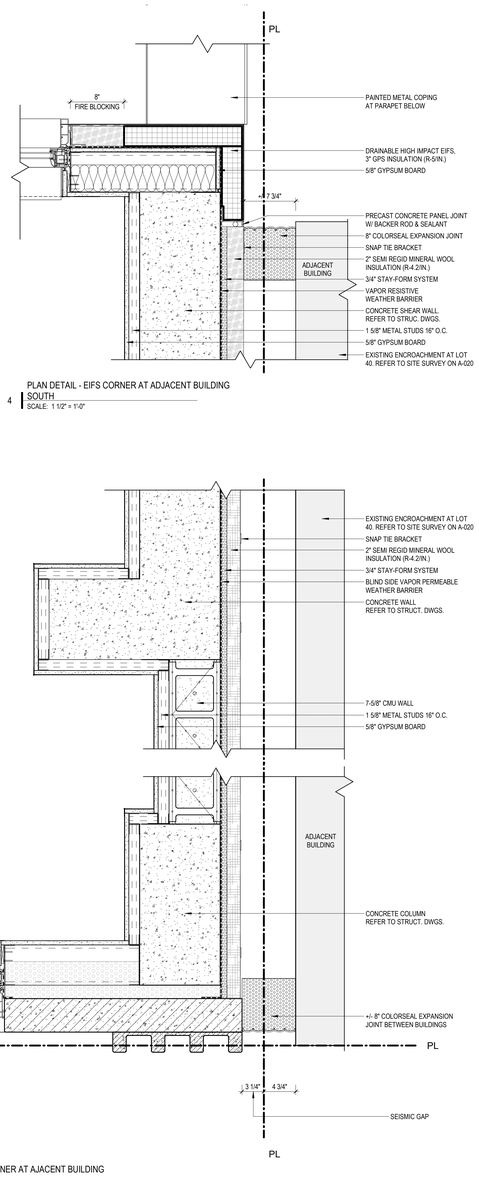
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

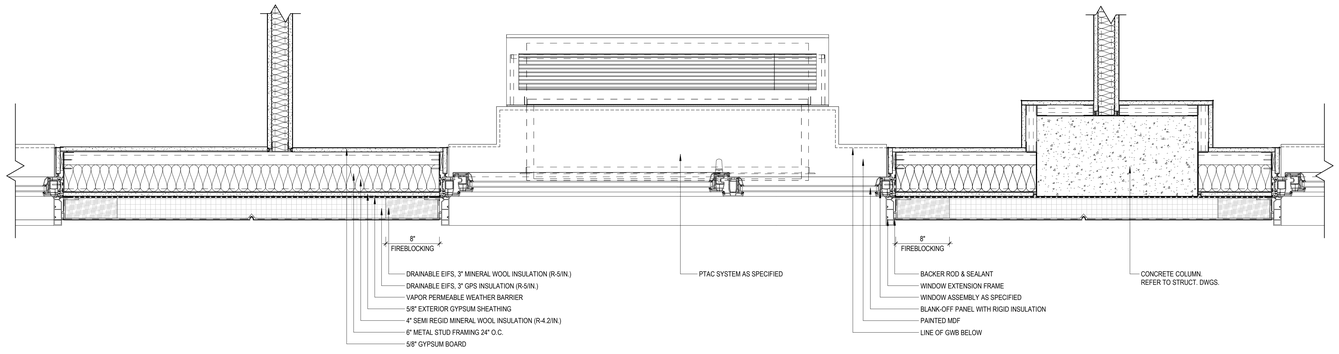
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 1:18:29 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

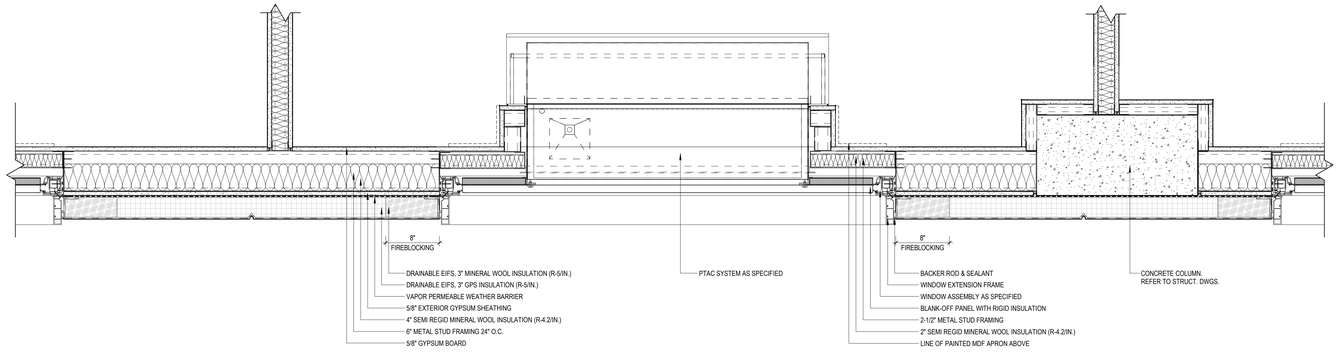


4 PLAN DETAIL - EIFS CORNER AT ADJACENT BUILDING SOUTH
SCALE: 1 1/2" = 1'-0"

3 PLAN DETAIL - CORNER AT AJACENT BUILDING SOUTH
SCALE: 1 1/2" = 1'-0"



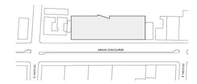
2 PLAN DETAIL - WINDOWS AT EIFS FINISH SYSTEM
SCALE: 1 1/2" = 1'-0"



1 PLAN DETAIL - WINDOWS AT EIFS - LOUVER LEVEL
SCALE: 1 1/2" = 1'-0"

11/7/2025 12:56:30 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

PLAN DETAILS @ EIFS

SCALE: 1 1/2" = 1'-0" PAGE: 64 OF 75

A-531.00

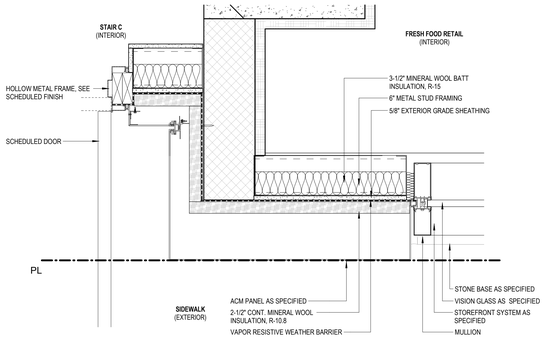
DOB SCAN STICKER

SEAL

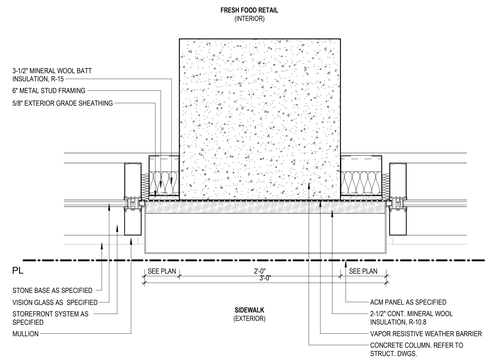
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

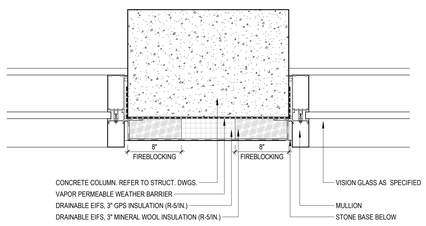
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC



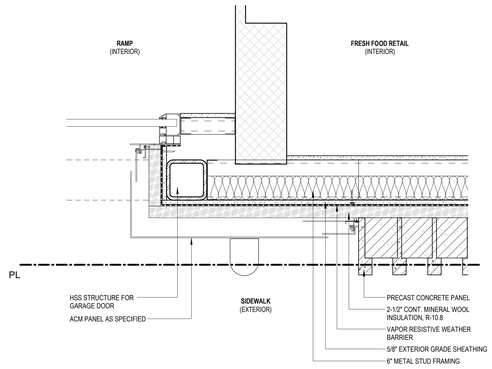
6 STOREFRONT PLAN DETAIL - STAIR C
@ 1ST FLOOR
SCALE: 1 1/2" = 1'-0"



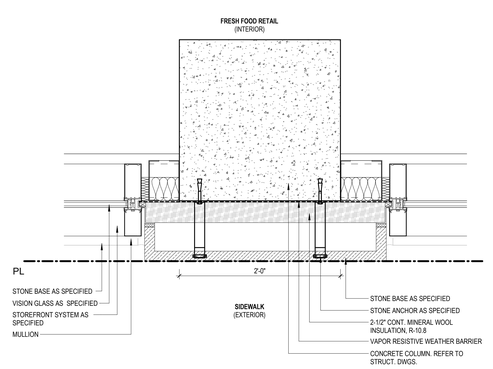
3 STOREFRONT PLAN DETAIL 3
@ 1ST FLOOR
SCALE: 1 1/2" = 1'-0"



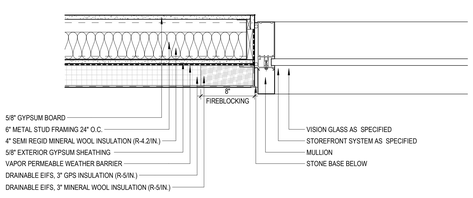
8 STOREFRONT PLAN DETAIL - COLUMN
@ 2ST FLOOR
SCALE: 1 1/2" = 1'-0"



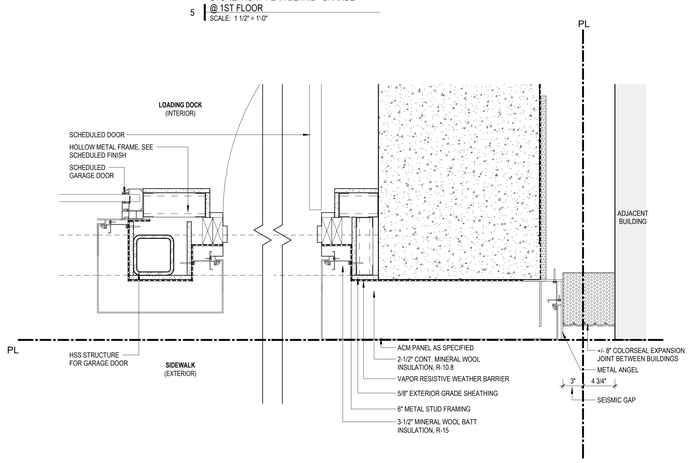
5 STOREFRONT PLAN DETAIL - GARAGE
@ 1ST FLOOR
SCALE: 1 1/2" = 1'-0"



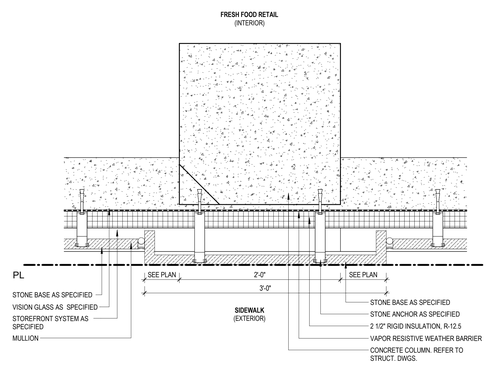
2 STOREFRONT PLAN DETAIL 2
@ 1ST FLOOR
SCALE: 1 1/2" = 1'-0"



7 STOREFRONT PLAN DETAIL - STUD WALL
@ 2ST FLOOR
SCALE: 1 1/2" = 1'-0"

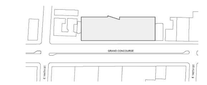


4 STOREFRONT PLAN DETAIL - LOADING DOCK
@ 1ST FLOOR
SCALE: 1 1/2" = 1'-0"



1 STOREFRONT PLAN DETAIL 1
@ 1ST FLOOR
SCALE: 1 1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:
350 GRAND CONCOURSE
350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:
PLAN DETAILS @ STOREFRONT

SCALE: 1 1/2" = 1'-0" PAGE: 64 OF 75

A-532.00

DOB SCAN STICKER

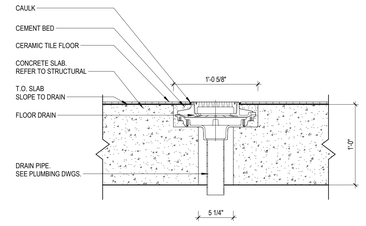
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

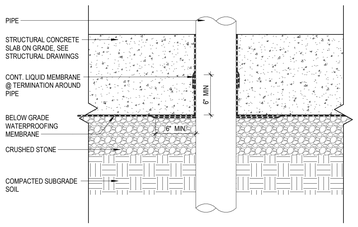
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

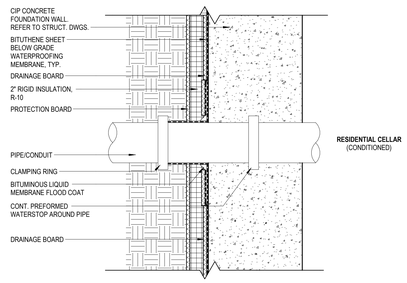
11/10/2025 5:48:05 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



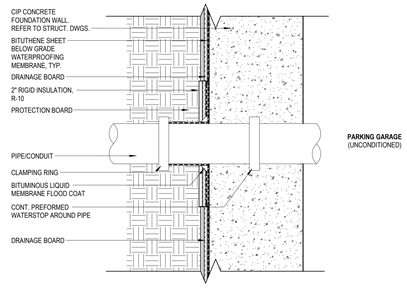
7 | FLOOR DRAIN @ CERAMIC TILE
SCALE: 1 1/2" = 1'-0"



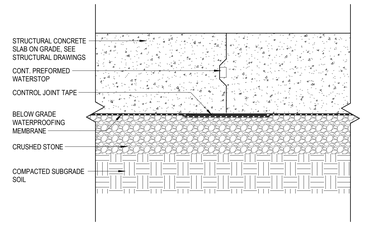
4 | TYP. WP DETAIL - SLAB PENETRATION
SCALE: 1 1/2" = 1'-0"



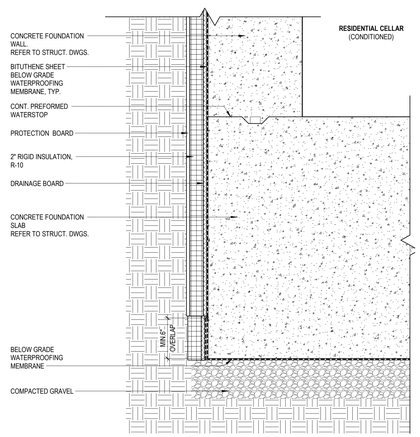
9 | TYP. WP DETAIL - WALL PENETRATION W/ INSULATION
SCALE: 1 1/2" = 1'-0"



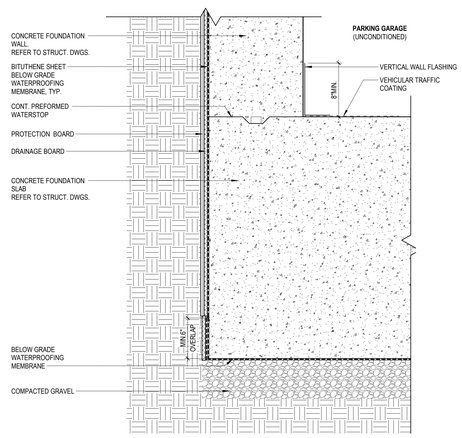
6 | TYP. WP DETAIL - WALL PENETRATION
SCALE: 1 1/2" = 1'-0"



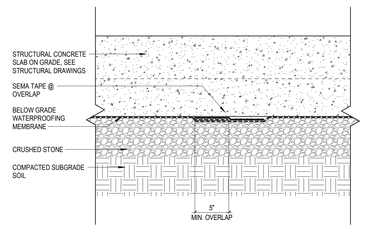
3 | TYP. WP DETAIL - SLAB ON GRADE CONT. JT.
SCALE: 1 1/2" = 1'-0"



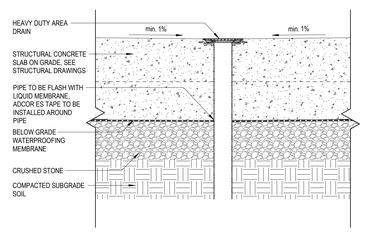
8 | TYP. WP DETAIL FOUNDATION W/ INSULATION
SCALE: 1 1/2" = 1'-0"



5 | TYP. WP DETAIL FOUNDATION
SCALE: 1 1/2" = 1'-0"

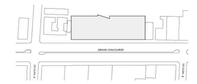


2 | TYP. WP DETAIL - SLAB ON GRADE
SCALE: 1 1/2" = 1'-0"



1 | TYP. WP DETAIL - PARKING AREA DRAIN
SCALE: 1 1/2" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

TYPICAL FOUNDATION DETAILS

SCALE: 1 1/2" = 1'-0" PAGE: 92 OF 141

A-550.00

DOB SCAN STICKER

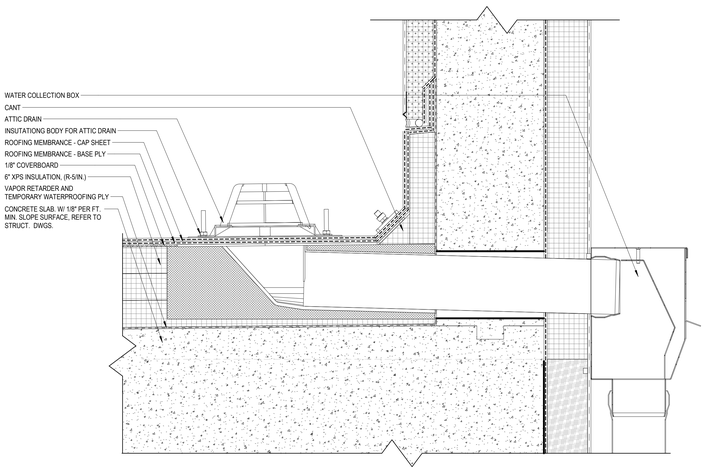
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

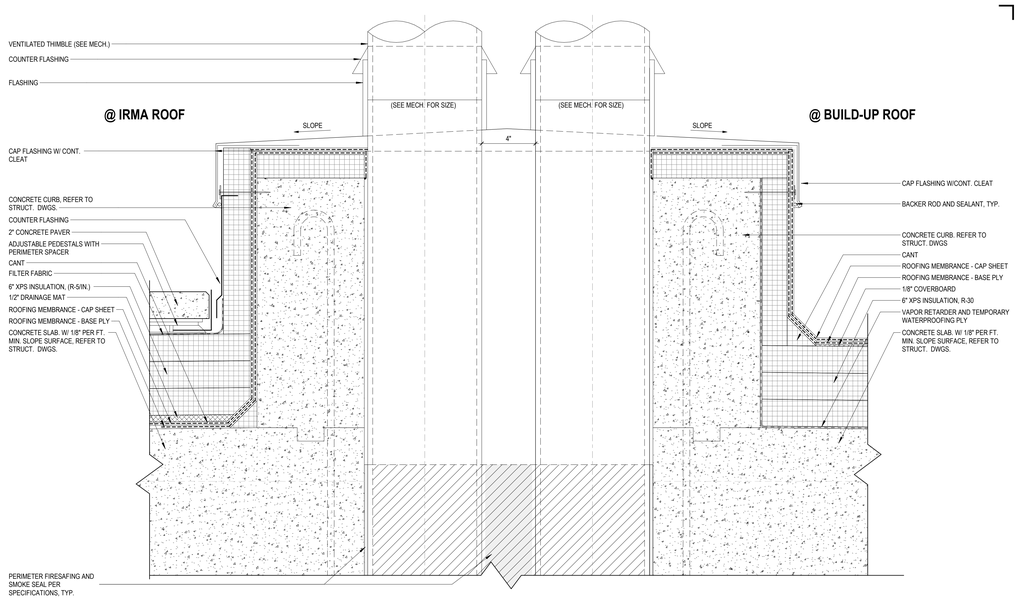
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 1:33:09 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

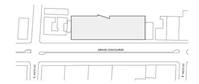


WF TYP. ROOF ATTIC SCUPPER DRAIN
SCALE: 3" = 1'-0"

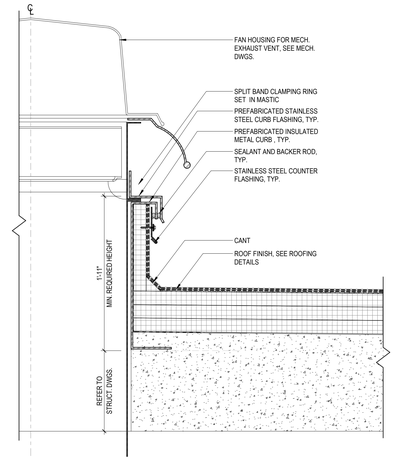


3 TYP. ROOF CURB PENETRATION DETAIL
SCALE: 3" = 1'-0"

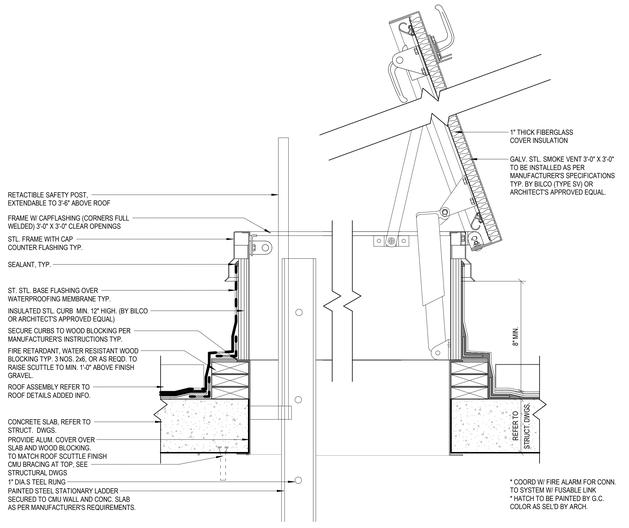
NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE



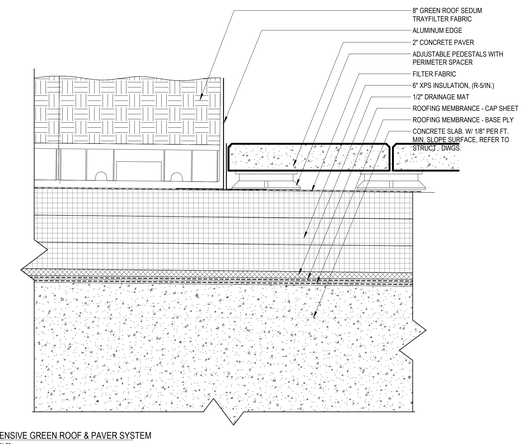
KEY PLAN



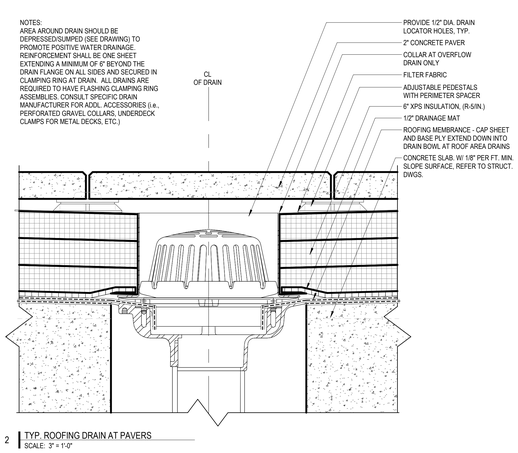
10 EXHAUST FAN
SCALE: 1 1/2" = 1'-0"



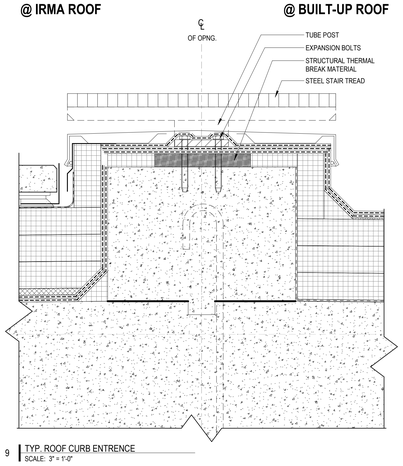
7 SMOKE HATCH DETAIL_PLANK
SCALE: 1 1/2" = 1'-0"



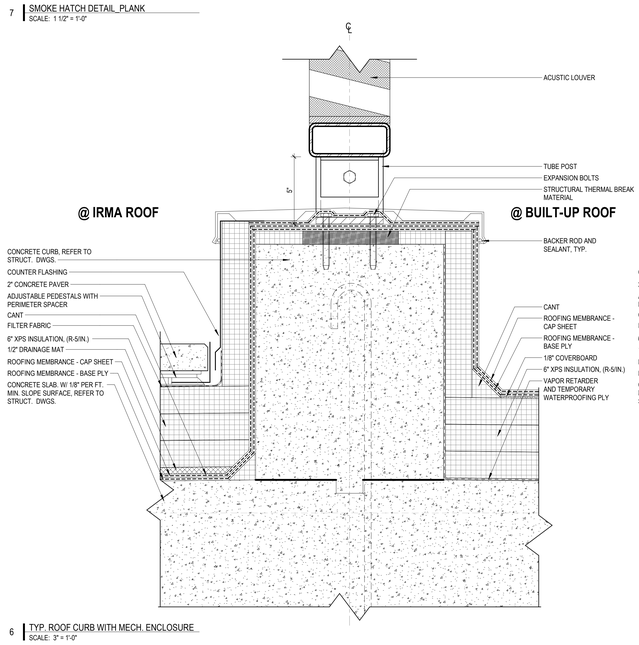
5 IRMA EXTENSIVE GREEN ROOF & PAVER SYSTEM
SCALE: 3" = 1'-0"



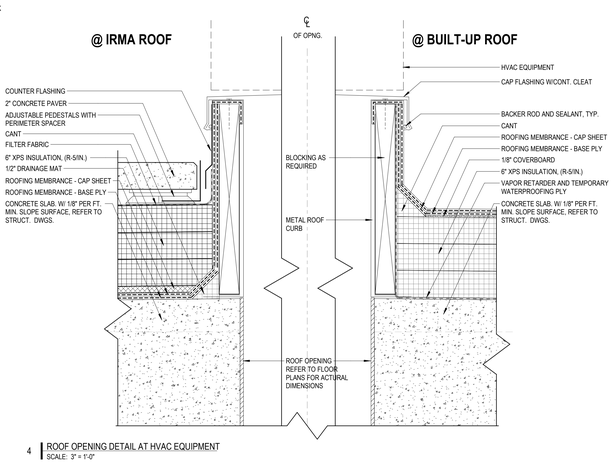
2 TYP. ROOFING DRAIN AT PAVERS
SCALE: 3" = 1'-0"



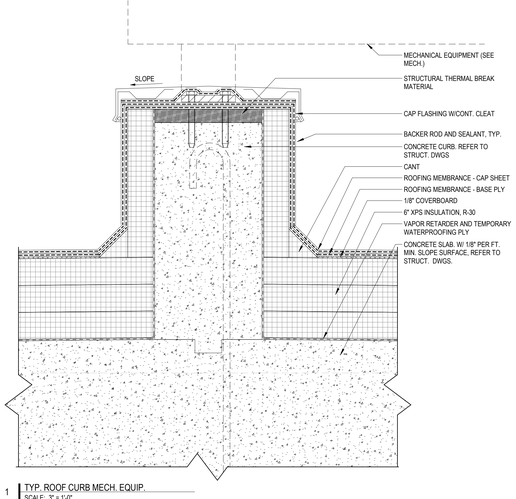
9 TYP. ROOF CURB ENTRENCE
SCALE: 3" = 1'-0"



6 TYP. ROOF CURB WITH MECH. ENCLOSURE
SCALE: 3" = 1'-0"



4 ROOF OPENING DETAIL AT HVAC EQUIPMENT
SCALE: 3" = 1'-0"



1 TYP. ROOF CURB MECH. EQUIP.
SCALE: 3" = 1'-0"

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE. 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

TYPICAL ROOFING DETAILS

SCALE: As indicated PAGE:93 OF 141

A-560.00

DOB SCAN STICKER

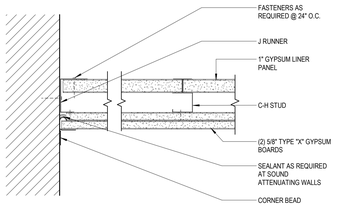
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

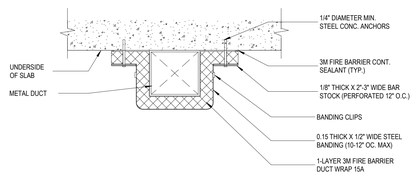
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

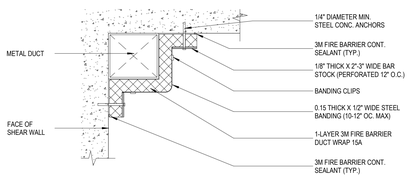
11/7/2025 1:41:00 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



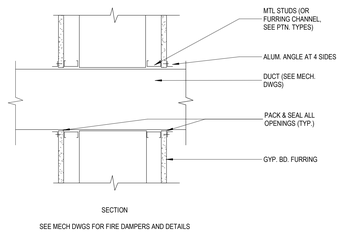
20 | CAVITY SHAFT - 2-HR FIRE RATED CORRIDOR CEILING AND STAIR SOFFIT
SCALE: 3" = 1'-0"



16 | DETAIL SECTION - DUCT FIREPOOFING AT HORIZONTAL OFFSET 2
SCALE: 3" = 1'-0"

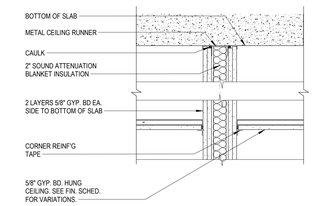


12 | DETAIL SECTION - DUCT FIREPOOFING AT HORIZONTAL OFFSET 1
SCALE: 3" = 1'-0"

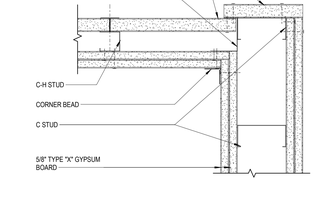


SEE MECH DWGS FOR FIRE DAMPERS AND DETAILS

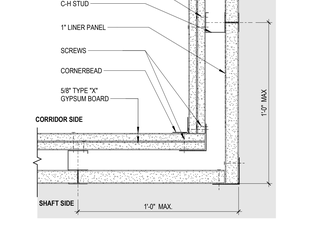
8 | DETAIL SECTION - HORIZONTAL DUCT PENETRATION
SCALE: 3" = 1'-0"



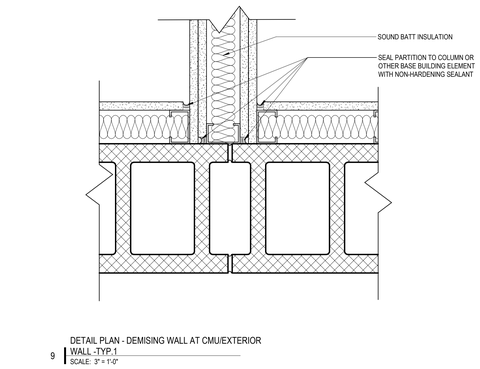
4 | HUNG CEILING @ RATED WALL
SCALE: 1 1/2" = 1'-0"



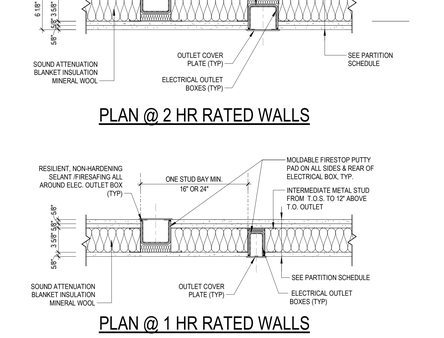
19 | CAVITY SHAFT - 1-HR FIRE RATED CORRIDOR CEILING AND STAIR SOFFIT
SCALE: 3" = 1'-0"



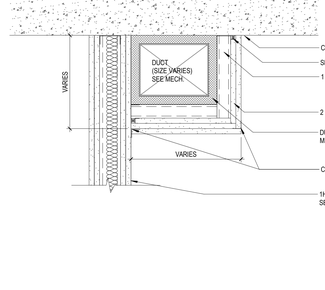
15 | SECT DETAIL - LAUNDRY ROOM FLOOR DRAIN
SCALE: 6" = 1'-0"



11 | DETAIL SECTION - 2HR RATED BOX-OUT
SCALE: 3" = 1'-0"



7 | DETAIL SECTION - EXHAUST DUCTS
SCALE: 3" = 1'-0"



3 | HUNG CEILING @ NON-RATED WALL
SCALE: 1 1/2" = 1'-0"

18 | CAVITY SHAFT - 1-HR FIRE RATED CORRIDOR CEILING AT INTERSECTION WITH WALL
SCALE: 3" = 1'-0"

14 | CAVITY SHAFT - OUTSIDE CORNER
SCALE: 3" = 1'-0"

9 | DETAIL PLAN - DEMISING WALL AT CMU/EXTERIOR WALL -TYP.1
SCALE: 3" = 1'-0"

6 | DETAIL PLAN - TYP. EXHAUST DUCTS
SCALE: 3" = 1'-0"

2 | TYPICAL KX & TX DUCT ENCLOSURE
SCALE: 3" = 1'-0"

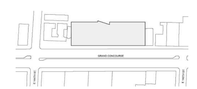
PLAN @ 2 HR RATED WALLS

PLAN @ 1 HR RATED WALLS

5 | TYPICAL ELECTRICAL OUTLET @ PARTITION
SCALE: 1 1/2" = 1'-0"

1 | TYPICAL 2HR FIRE RATED DUCT ENCLOSURE
SCALE: 3" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192591-I1

DRAWING TITLE:

TYPICAL MISC. DETAILS

SCALE: As indicated PAGE: 65 OF 75

A-570.00

DOB SCAN STICKER

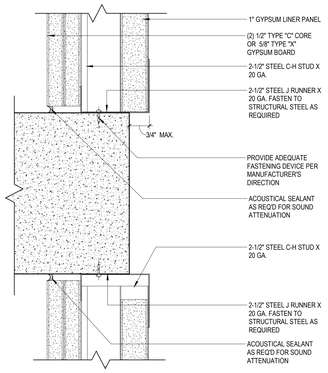
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

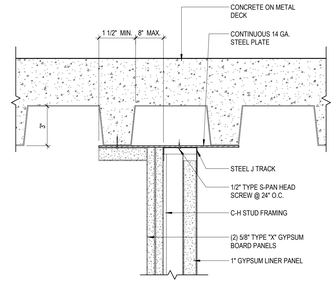
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

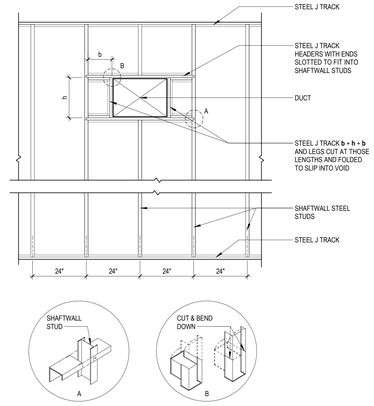
11/7/2025 11:09:02 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



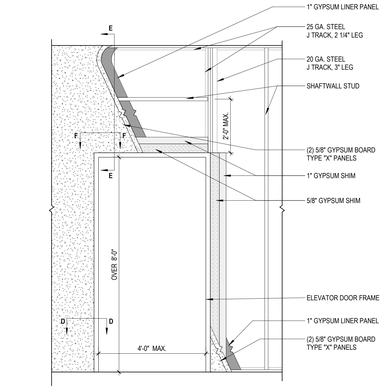
20 | OVERHANGING BASE DETAIL (FROM 0" TO 3/4")
SCALE: 6" = 1'-0"



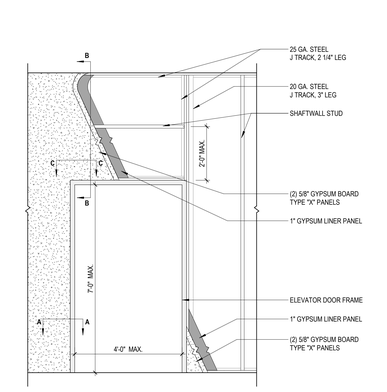
16 | STUD CAVITY WALL PARALLEL TO MTL. DECK VALLEYS
SCALE: 3" = 1'-0"



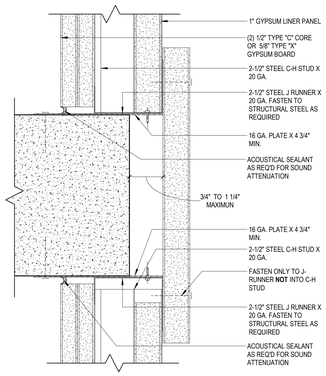
12 | TYPICAL DUCT OPENING FRAMING
SCALE: 1/2" = 1'-0"



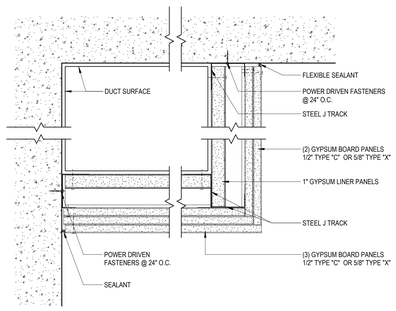
8 | SHAFTWAY FRAMING FOR ELEVATOR DOOR OVER 7'-0"
SCALE: 1/2" = 1'-0"



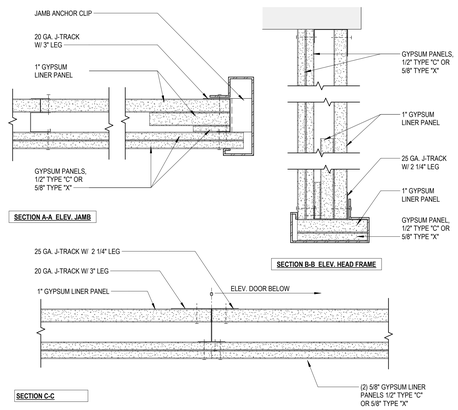
4 | SHAFTWAY FRAMING FOR ELEVATOR DOOR UP TO 7'-0"
SCALE: 1/2" = 1'-0"



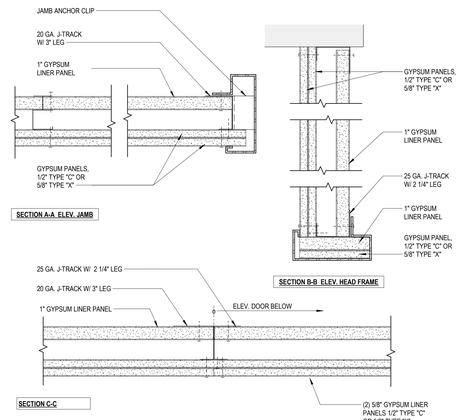
19 | OVERHANGING BASE DETAIL (FROM 3/4" TO 1 1/4")
SCALE: 6" = 1'-0"



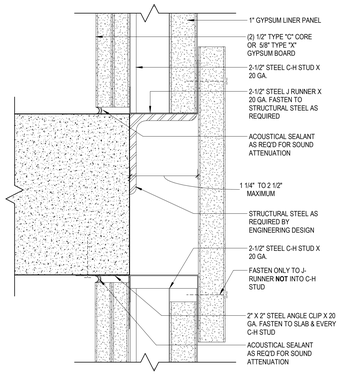
15 | 2-HR FIRE RATED DUCT ENCLOSURE
SCALE: 3" = 1'-0"



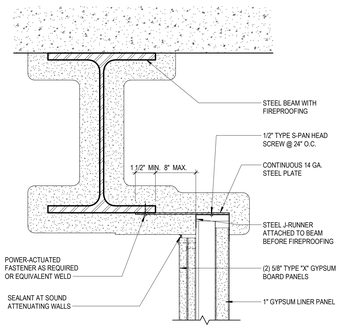
7 | ELEVATOR DOOR FRAME OVER 7'-0" IN GWB SHAFT WALL
SCALE: 3" = 1'-0"



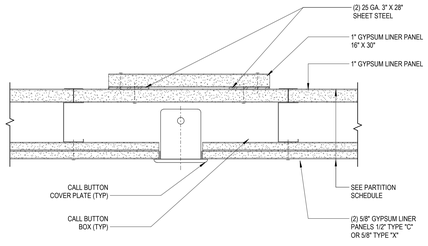
3 | ELEVATOR DOOR FRAME UP TO 7'-0" IN GWB SHAFT WALL
SCALE: 3" = 1'-0"



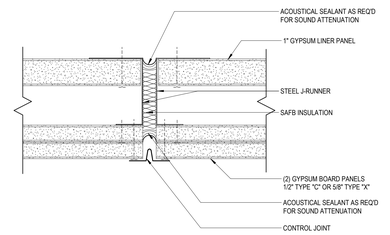
18 | OVERHANGING BASE DETAIL (FROM 1 1/4" TO 2 1/2")
SCALE: 6" = 1'-0"



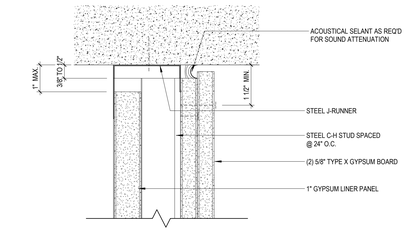
14 | SHAFTWALL OFFSET FROM STEEL BEAM
SCALE: 3" = 1'-0"



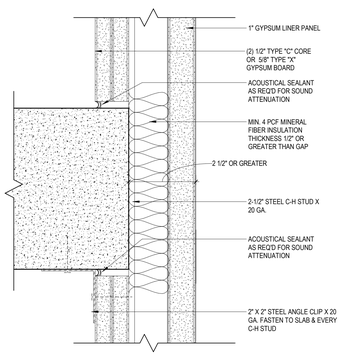
10 | TYPICAL CALL BUTTON BOX IN SHAFT WALL
SCALE: 3" = 1'-0"



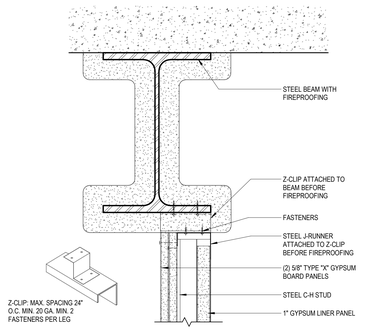
6 | SHAFTWALL FIRE RATED CONTROL JOINT
SCALE: 6" = 1'-0"



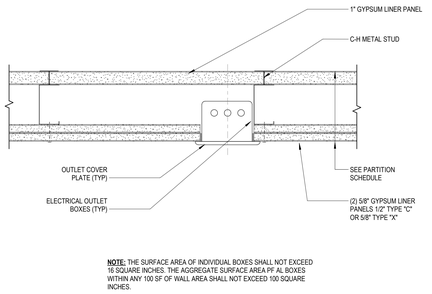
2 | SHAFT WALL TYPICAL HEAD DETAIL
SCALE: 6" = 1'-0"



17 | OVERHANGING BASE DETAIL (2 1/2" +)
SCALE: 6" = 1'-0"

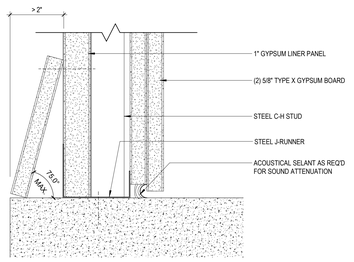


13 | SHAFTWALL WITH Z-CLIP AT STEEL BEAM
SCALE: 3" = 1'-0"

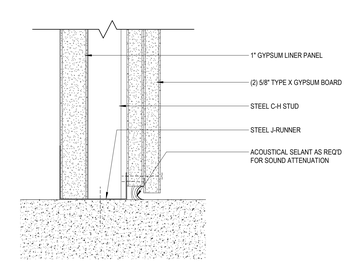


NOTE: THE SURFACE AREA OF INDIVIDUAL BOXES SHALL NOT EXCEED 16 SQUARE INCHES. THE AGGREGATE SURFACE AREA PF AL BOXES WITHIN ANY 100 SF OF WALL AREA SHALL NOT EXCEED 100 SQUARE INCHES.

9 | TYPICAL ELECTRICAL OUTLET BOX IN SHAFT WALL
SCALE: 3" = 1'-0"

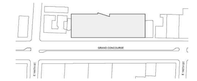


5 | SHAFT WALL CANT ST LEDGES MORE THAN 2"
SCALE: 6" = 1'-0"



1 | SHAFT WALL TYPICAL BASE DETAIL
SCALE: 6" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

TYPICAL SHAFT DETAILS

SCALE: As indicated PAGE:

A-571.00

DOB SCAN STICKER

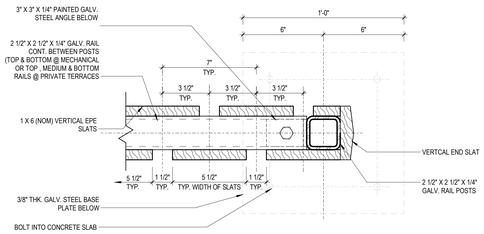
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

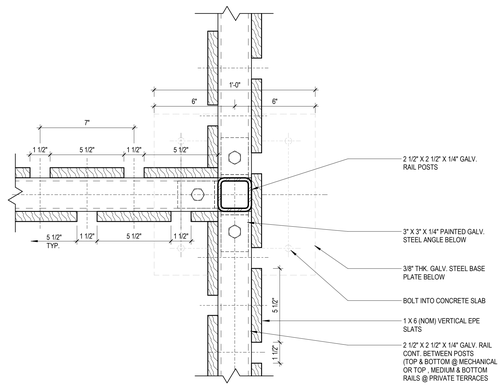
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

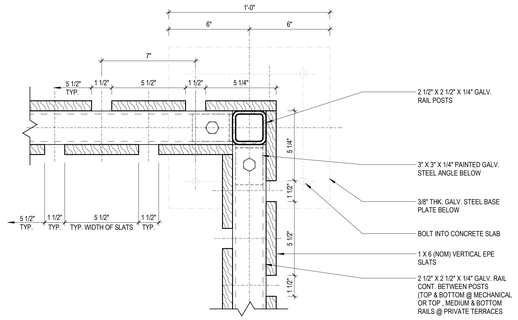
11/7/2025 11:00:03 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



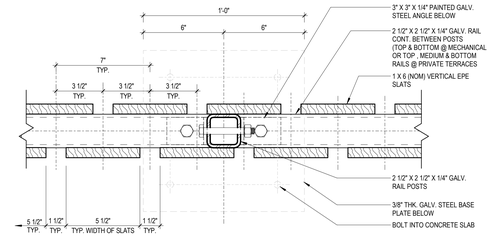
12 | PART PLAN - ROOF TERRACE DIVIDER - END
SCALE: 3" = 1'-0"



9 | PART PLAN - ROOF TERRACE DIVIDER DOUBLE CORNER
SCALE: 3" = 1'-0"



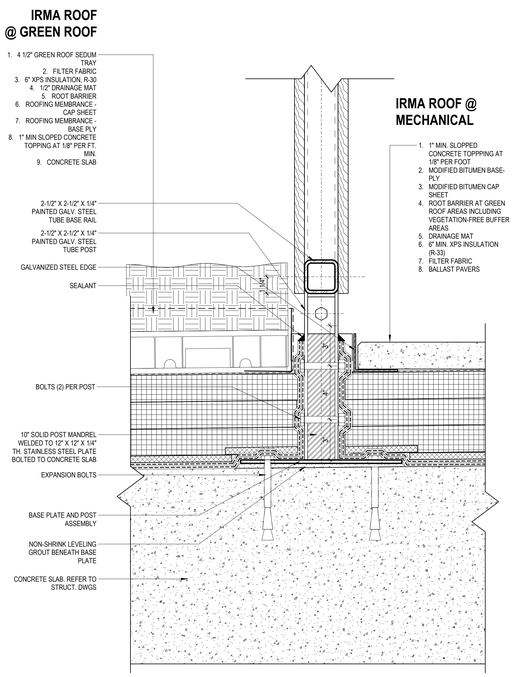
6 | PART PLAN - ROOF TERRACE DIVIDER CORNER
SCALE: 3" = 1'-0"



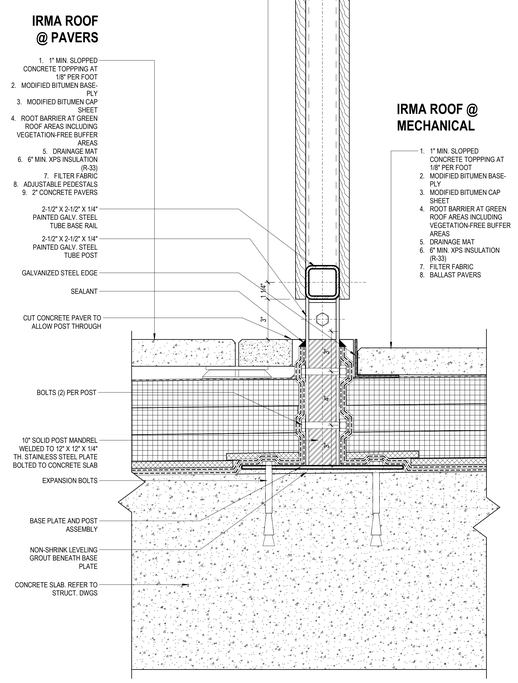
3 | PART PLAN - ROOF TERRACE DIVIDER
SCALE: 3" = 1'-0"

10 | PARTIAL ELEVATION - MECHANICAL DIVIDER
SCALE: 3" = 1'-0"

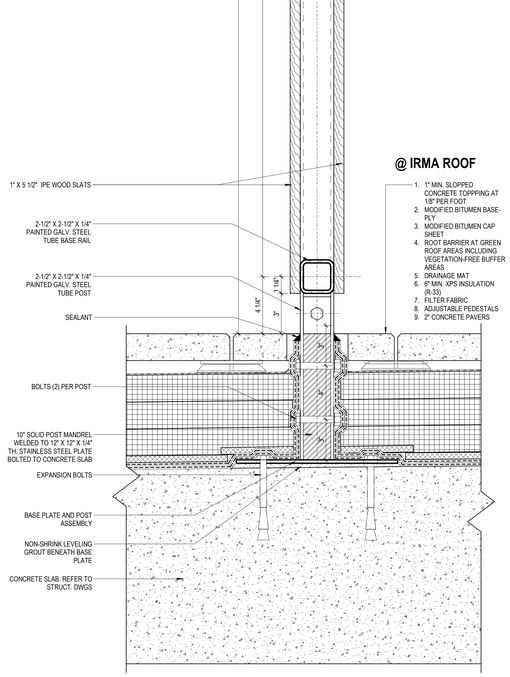
11 | PART PLAN - ROOF TERRACE DIVIDER - GATE
SCALE: 3" = 1'-0"



7 | SECTION - ROOF MECHANICAL DIVIDER AT GREEN ROOF
SCALE: 3" = 1'-0"

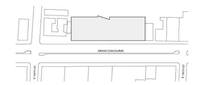


4 | SECTION - ROOF MECHANICAL DIVIDER
SCALE: 3" = 1'-0"



1 | SECTION - PRIVATE TERRACE DIVIDER
SCALE: 3" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012129259-I1

DRAWING TITLE:

ROOF / TERRACE DIVIDER DETAILS

SCALE: 3" = 1'-0" PAGE:

A-580.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

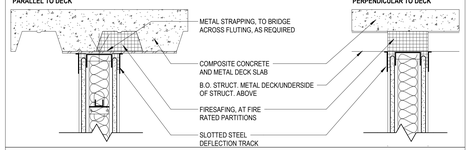
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

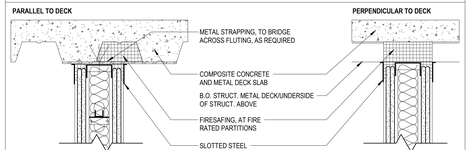
11/7/2025 11:09:02 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

METAL DECK HEADER DETAILS

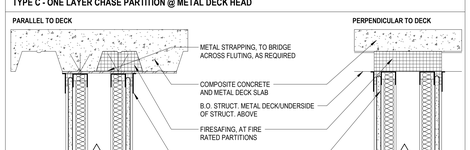
TYPE A - ONE LAYERS EA. SIDE GWB PARTITION @ METAL DECK HEAD



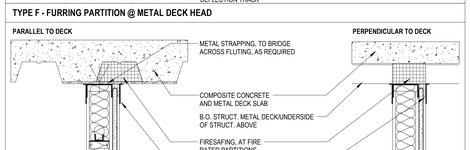
TYPE B - TWO LAYERS EA. SIDE GWB PARTITION @ METAL DECK HEAD



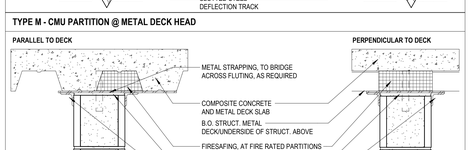
TYPE C - ONE LAYER CHASE PARTITION @ METAL DECK HEAD



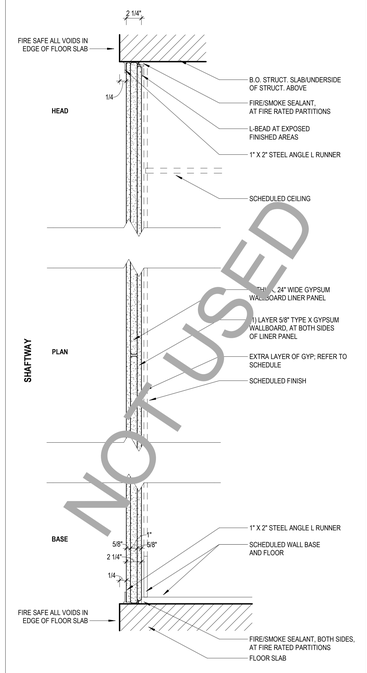
TYPE F - FURRING PARTITION @ METAL DECK HEAD



TYPE M - CMU PARTITION @ METAL DECK HEAD

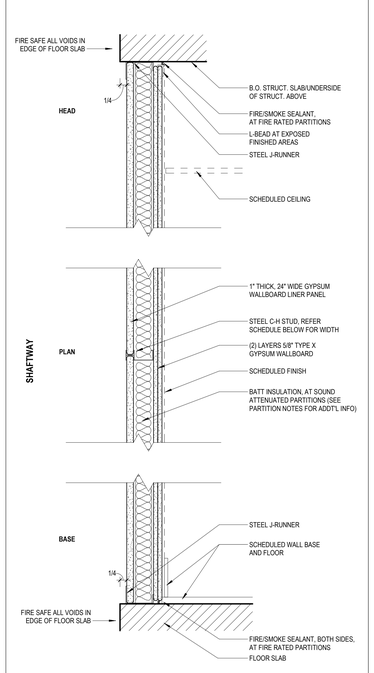


TYPE T - SOLID RISER SHAFT PARTITION



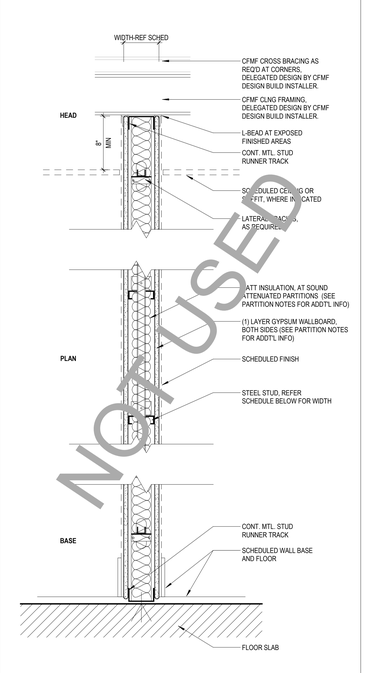
	WALL WIDTH	FRAMING WIDTH	FIRE RATING	UL ASSEMBLY	SOUND INSUL	STC RATING	GAUGE	FRAMING SPACING	COMMENTS
F1	1 1/2"	7/8"	0 hr	N/A	No	N/A	-	1' - 4"	AGAINST BACKUP WALL; HAT-CHANNEL STUD
F2	2 1/4"	1 5/8"	0 hr	N/A	Yes	58	20EQ	1' - 0"	WITHIN APARTMENTS; TYP KIT. & WASHER/DRYER; SEE PLAN FOR DIM.
F3	3 1/2"	2 1/2"	0 hr	N/A	No	N/A	20EQ	1' - 4"	FREE STANDING
F4	4 5/8"	4"	0 hr	N/A	No	N/A	20EQ	1' - 4"	AT ELECTRIC PANEL WALLS
F5	4 3/4"	2 1/2"	0 hr	N/A	Yes	60	20EQ	1' - 4"	FREE STANDING W/ 1/2" AIR GAP & 2 LAYERS OF GYP; FURRING AT ELEV. CORE FOR SOUND INSULATION
F6	6 5/8"	6"	0 hr	N/A	No	N/A	-	2' - 0"	AGAINST BACKUP WALL; UP TO 20' TALL

TYPE S - SHAFT PARTITION



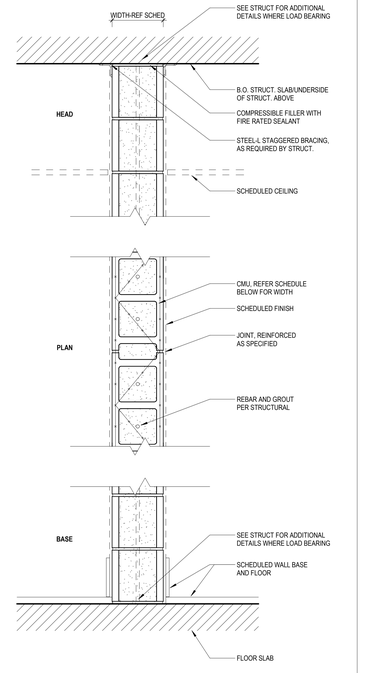
	WALL WIDTH	FRAMING WIDTH	FIRE RATING	UL ASSEMBLY	SOUND INSUL	STC RATING	GAUGE	FRAMING SPACING	COMMENTS
S1	4 3/8"	2 1/2"	2 hr	U415	Yes	51	20EQ	2' - 0"	MECHANICAL, TELECOM, OTHER BUILDING SHAFTS
S2	5 7/8"	4"	2 hr	U415	Yes	51	20EQ	2' - 0"	SHAFT WALL TALLER THAN 12 FEET
S3	7 1/4"	4"	2 hr	U415	Yes	51	20EQ	2' - 0"	SHAFT WALL TALLER THAN 12 FEET; ADD'L LAYER 5/8" GYP

TYPE P - PARTIAL HEIGHT GWB PARTITION



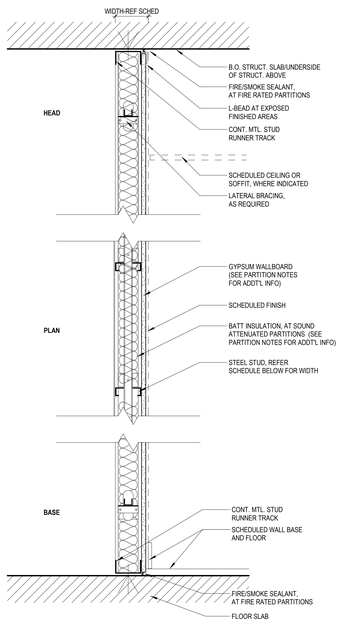
	WALL WIDTH	FRAMING WIDTH	FIRE RATING	UL ASSEMBLY	SOUND INSUL	STC RATING	GAUGE	FRAMING SPACING	COMMENTS
C1	9"	1 5/8"	0 hr	N/A	Yes	58	20EQ	1' - 0"	WITHIN APARTMENTS; TYP KIT. & WASHER/DRYER; SEE PLAN FOR DIM.
C2	10"	1 5/8"	0 hr	N/A	Yes	58	20EQ	1' - 0"	WITHIN APARTMENTS AT ONE SIDED TOILET; SEE PLAN FOR DIM.
C3	2' - 3"	2 1/2"	0 hr	N/A	Yes	58	20EQ	1' - 0"	WITHIN APARTMENTS AT ONE SIDED TOILET; SEE PLAN FOR DIM.

TYPE M - CMU PARTITION



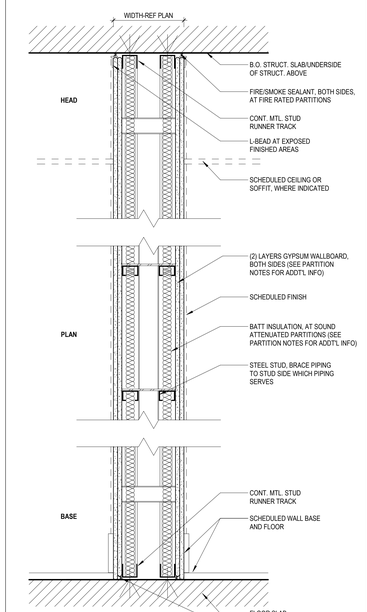
	WALL WIDTH	FIRE RATING	UL ASSEMBLY	SOUND INSUL	STC RATING	COMMENTS
M1	5 5/8"	1 hr	U906	Yes	45	AT INT. WALLS UP TO 10'-0"; AT EXT. WALLS UP TO 10'-0"; FULLY GROUTED
M2	5 5/8"	1 hr	U906	Yes	45	AT INT. WALLS UP TO 16'-0"; AT EXT. WALLS UP TO 10'-0"; FULLY GROUTED
M3	5 5/8"	2 hr	U906	Yes	45	AT INT. WALLS UP TO 16'-0"; AT EXT. WALLS UP TO 10'-0"; FULLY GROUTED
M4	7 5/8"	1 hr	U905	Yes	N/A	AT INT. WALLS UP TO 20'-0"; AT EXT. WALLS UP TO 16'-0"
M5	7 5/8"	2 hr	U905	Yes	49	AT INT. WALLS UP TO 20'-0"; AT EXT. WALLS UP TO 16'-0"
M6	7 5/8"	3 hr	U904	Yes	49	AT INT. WALLS UP TO 20'-0"; AT EXT. WALLS UP TO 16'-0"

TYPE F - GWB FURRING PARTITION



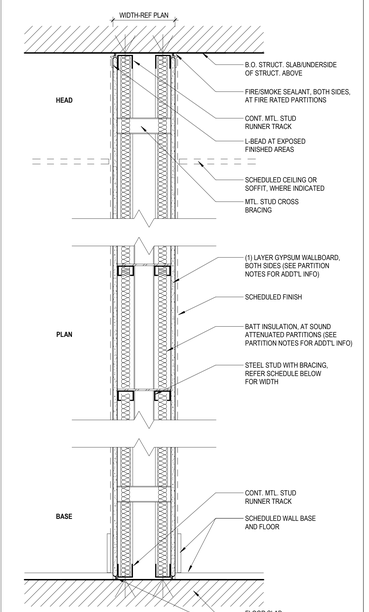
	WALL WIDTH	FRAMING WIDTH	FIRE RATING	UL ASSEMBLY	SOUND INSUL	STC RATING	GAUGE	FRAMING SPACING	COMMENTS
F1	1 1/2"	7/8"	0 hr	N/A	No	N/A	-	1' - 4"	AGAINST BACKUP WALL; HAT-CHANNEL STUD
F2	2 1/4"	1 5/8"	0 hr	N/A	Yes	58	20EQ	1' - 0"	WITHIN APARTMENTS; TYP KIT. & WASHER/DRYER; SEE PLAN FOR DIM.
F3	3 1/2"	2 1/2"	0 hr	N/A	No	N/A	20EQ	1' - 4"	FREE STANDING
F4	4 5/8"	4"	0 hr	N/A	No	N/A	20EQ	1' - 4"	AT ELECTRIC PANEL WALLS
F5	4 3/4"	2 1/2"	0 hr	N/A	Yes	60	20EQ	1' - 4"	FREE STANDING W/ 1/2" AIR GAP & 2 LAYERS OF GYP; FURRING AT ELEV. CORE FOR SOUND INSULATION
F6	6 5/8"	6"	0 hr	N/A	No	N/A	-	2' - 0"	AGAINST BACKUP WALL; UP TO 20' TALL

TYPE D - TWO LAYERS CHASE PARTITION



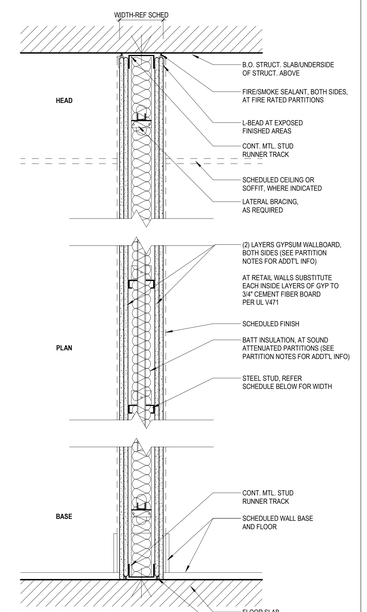
	WALL WIDTH	FRAMING WIDTH	FIRE RATING	UL ASSEMBLY	SOUND INSUL	STC RATING	GAUGE	FRAMING SPACING	COMMENTS
D1	3"	1 5/8"		U420	No		20EQ	2' - 0"	BETWEEN UNITS, UNITS & AMENITY; SEE PLANS
D2	3"	1 5/8"		U420	Yes	58	20EQ	2' - 0"	BETWEEN UNITS, UNITS & AMENITY; SEE PLANS
D3	2 7/8"	1 5/8"	1 hr	U420	Yes	58	20EQ	2' - 0"	BETWEEN UNITS, UNITS & AMENITY; SEE PLANS
D4	3"	1 5/8"	2 hr	U420	Yes	58	20EQ	2' - 0"	BETWEEN UNITS, UNITS & AMENITY; SEE PLANS

TYPE C - ONE LAYER CHASE PARTITION



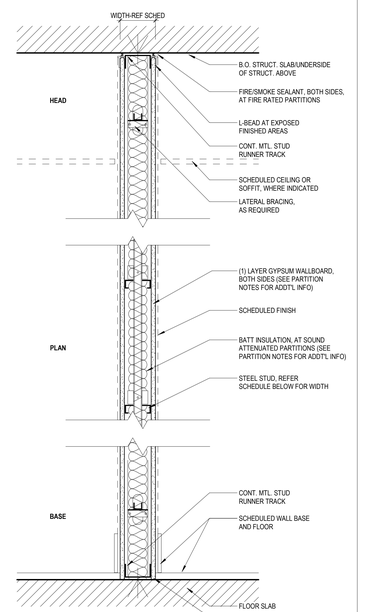
	WALL WIDTH	FRAMING WIDTH	FIRE RATING	UL ASSEMBLY	SOUND INSUL	STC RATING	GAUGE	FRAMING SPACING	COMMENTS
C1	9"	1 5/8"	0 hr	N/A	Yes	58	20EQ	1' - 0"	WITHIN APARTMENTS; TYP KIT. & WASHER/DRYER; SEE PLAN FOR DIM.
C2	10"	1 5/8"	0 hr	N/A	Yes	58	20EQ	1' - 0"	WITHIN APARTMENTS AT ONE SIDED TOILET; SEE PLAN FOR DIM.
C3	2' - 3"	2 1/2"	0 hr	N/A	Yes	58	20EQ	1' - 0"	WITHIN APARTMENTS AT ONE SIDED TOILET; SEE PLAN FOR DIM.

TYPE B - TWO LAYERS EA. SIDE GWB PARTITION



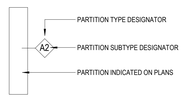
	WALL WIDTH	FRAMING WIDTH	FIRE RATING	UL ASSEMBLY	SOUND INSUL	STC RATING	GAUGE	FRAMING SPACING	COMMENTS
B1	5"	2 1/2"	2 hr	U419	Yes	52	20EQ	1' - 4"	
B2	6 1/8"	3 5/8"	1 hr	U419	Yes	52	20EQ	1' - 4"	BETWEEN APARTMENTS AND CORRIDOR
B3	6 1/8"	3 5/8"	2 hr	U419	Yes	55	25EQ	2' - 0"	FSAE LOBBY; RATED UTILITY CLOSETS

TYPE A - ONE LAYER EA. SIDE GWB PARTITION



	WALL WIDTH	FRAMING WIDTH	FIRE RATING	UL ASSEMBLY	SOUND INSUL	STC RATING	GAUGE	FRAMING SPACING	COMMENTS
A1	3 3/4"	2 1/2"	0 hr	N/A	No	N/A	20EQ	1' - 4"	WITHIN ROOMS
A2	3 3/4"	2 1/2"	0 hr	N/A	Yes	47	20EQ	1' - 4"	WITHIN APARTMENTS, BETWEEN ROOMS
A3	4 7/8"	3 5/8"	0 hr	N/A	Yes	47	20EQ	1' - 4"	WITHIN APARTMENTS, BETWEEN ROOM
A4	5 1/4"	4"	0 hr	N/A	Yes	47	20EQ	1' - 4"	WITHIN APTS., FOR TELCOM/ ELEC PANELS

PARTITION TYPE SYMBOL:



GENERAL NOTES:

1. SEE SPECIFICATIONS FOR MORE INFORMATION, REGARDLESS OF PARTITION TYPE
2. REFER TO FLOOR PLANS FOR PARTITION TYPE LOCATIONS
3. REFER TO WALL SECTIONS FOR EXTERIOR WALL CONSTRUCTION
4. REFER TO MASTER FINISH SCHEDULE FOR FLOOR, WALL BASE, WALL, AND CEILING FINISHES
5. REFER TO REFLECTED CEILING PLANS FOR THE CEILING TYPE AND HEIGHT
6. ALL PARTITIONS ARE DIMENSIONED TO THE FINISHED FACES OF WALLS. ALL PARTITION THICKNESSES SHOWN ARE ACTUAL DIMENSIONS
7. ALL DOOR OPENINGS ARE TO BE 2" FROM THE ADJACENT WALL U.O.N. COORDINATE WITH DOOR SCHEDULE ACCORDINGLY
8. COLUMN COVERS (OR OTHER ENCLOSURES) SHOULD INCLUDE METAL STUDS AND TWO LAYERS OF 5/8" GYPSUM BOARD SEALED TO EXTERIOR WITH NON-HARDENING ACOUSTICAL CAULK
9. WHERE APPLICABLE, SLOTTED STEEL DEFLECTION TRACKS SHALL BE 3", 20 GAUGE, AND SECURED TO UNDERSIDE OF METAL DECK, U.O.N.
10. WHERE APPLICABLE, DO NOT FASTEN GYPSUM BOARD TO DEFLECTION TRACK
11. WHERE APPLICABLE, STUDS SHALL BE HOLD AT 1" BELOW DEFLECTION TRACK, AND SECURED TO IT WITH VERTICALLY SLOTTED CONNECTION AT MID POINT OF SLOTTED OPENING

ABOUT ALL GYPSUM WALLBOARD PARTITIONS:

1. ALL GYPSUM WALLBOARD IS 5/8" U.O.N.
2. PROVIDE MOLD RESISTANT BOARDS FOR ALL GYPSUM WALL BOARDS
3. STEEL TRACKS SHALL BE 20 GAUGE, FASTENED AT 24" OC MAX, U.O.N.
4. STEEL STUDS SHALL BE 20 GAUGE, 16" OC, U.O.N. (12" O.C. AT KITCHENS/BATHROOMS, AND WHEN THE STUD SPANS MORE THAN 11' U.O.N.) REFER TO SPECIFICATIONS FOR ADDITIONAL VERTICAL PARTITION SPAN CRITERIA AND METAL STUD GAUGES
5. STEEL C-H STUDS SHALL BE FASTEN AT 24" OC MAX, U.O.N., AND/OR AS SPECIFIED PER UL DESIGN NO.
6. PROVIDE 3/4" PTD. FIRE RETARDANT PLYWOOD AT ALL ELECTRICAL PANELS & DATA/ TELECOM CLOSET LOCATIONS AND AT LOCATIONS REQUIRING SUCH RELATED TO INTERIOR FINISH FLAME SPREAD AND SMOKE DEVELOPMENT CLASS A, B, C
7. PROVIDE ADEQUATE BACKUP AND BLOCKING FOR ALL WALL OR CEILING MOUNTED EQUIPMENT (ARCHITECTURAL WOODWORK, HANDRAILS, GUARDRAILS, GRAB BARS, LIGHTING OR OTHER MISCELLANEOUS ITEMS.) REFER TO FURNITURE PLANS, INTERIOR ELEVATIONS, AND ARCHITECTURAL CASEWORK DETAILS AS SHOWN ON DRAWINGS TO ASSURE A SECURE INSTALLATION
8. SEE SPECIFICATION SECTION 09 21 16 " GYPSUM BOARD ASSEMBLIES" FOR ADDITIONAL REQUIREMENTS REGARDING GYPSUM PARTITION AND SHAFT WALL CONSTRUCTION

ABOUT PARTITIONS AT HIGH IMPACT AREAS:

1. PROVIDE 5/8" HIGH IMPACT GYPSUM WALL BOARD WITH A TESTED RATING OF ASTM C 1629-06 AND IMPACT CLASSIFICATION LEVEL 2 IN PLACE OF STANDARD GRADE GYPSUM WALL BOARD
- ON THE FACE LAYER OF ALL PARTITIONS AND SOFFITS WITHIN EGRESS STAIRS
- ON THE FIRST LAYER ATTACHED TO STUD AT CORRIDOR/APARTMENT SIDE OF STAIR
2. ALL STUDS SHALL BE A MINIMUM OF 3-1/2" DEEP WITH A 20 GAUGE THICKNESS AND VERTICAL STUDS SHALL BE SPACED AT A MAXIMUM 24" ON CENTER
3. JOINTS BETWEEN ADJOINING SHEETS OF WALL BOARD SHALL BE STAGGERED FROM BASE LAYER WITH FACE PANEL LAYER

ABOUT PARTITIONS AT WET AREAS:

1. PROVIDE 5/8" MOISTURE RESISTANT GYPSUM WALL BOARD IN PLACE OF STANDARD GRADE GYPSUM WALL BOARD ON THE FACE LAYER OF ALL PARTITIONS AND SOFFITS WITHIN BATHROOMS
2. PROVIDE CEMENTITIOUS WALL BOARD IN PLACE OF MOISTURE RESISTANT GYPSUM WALL BOARD
- ON THE FACE LAYER OF PARTITIONS AND SOFFITS SURROUNDING BATHTUBS AND SHOWERS
- AT ALL THE AREAS SURROUNDING POOLS
3. IN ALL OTHER ROOMS OR SPACES CONTAINING SINKS OR OTHER PLUMBING FIXTURES, INSTALL MOISTURE RESISTANT GYPSUM WALLBOARD ON THE WET WALL AND RETURN ON THE SIDEWALLS 4'-0"

ABOUT FIRE RATED PARTITIONS:

1. REFER TO LIFE SAFETY DRAWINGS FOR LOCATIONS AND EXTENTS OF FIRE RATED PARTITIONS AND SMOKE PARTITIONS
2. PROVIDE FIRE CODE "X" GYPSUM WALL BOARDS WHERE A FIRE RATED ASSEMBLY IS REQUIRED
3. METAL STUDS MAY BE HEAVIER GAUGE OR LARGER DIMENSION THAN LISTED AND MAY BE SPACED MORE CLOSELY FOR INDICATED RATING, CM TO PROVIDE INFO FOR PROPOSED MODIFICATIONS ACCORDINGLY
4. THICKNESS OF GYPSUM WALLBOARD MAY BE INCREASED FOR THE INDICATED RATING, CM TO PROVIDE INFO FOR PROPOSED MODIFICATIONS ACCORDINGLY
5. OBTAIN AND FULLY CONFORM TO DESIGN REQUIREMENTS FOR EACH PARTITION ASSEMBLY OF UNDERWRITERS LABORATORIES, INC.
6. WHERE REQUIRED, MATERIALS SHALL BEAR THE CLASSIFICATION MAKINGS AND APPROVALS OF THE UNDERWRITERS LABORATORIES, INC.
7. METALLIC OUTLET OR SWITCH BOXES LOCATED ON OPPOSITE SIDES OF WALLS OR PARTITIONS SHALL BE SEPARATED BY A MINIMUM HORIZONTAL DISTANCE OF 24 INCHES, (U.L. INC).
8. AT INTERSECTIONS OF RATED WALL AND NON-RATED PARTITIONS, THE RATED PARTITION MUST BE CONTINUOUS TO MAINTAIN THE RATING
9. AT METAL DECKS, PARTITION HEAD MUST CONFORM TO UL#WW-D-0107
10. FIRE SAFE OPENINGS FORMED AT UNDERSIDE OF FLUTED DECK AS REQUIRED AT ALL FIRE RATED PARTITIONS
11. FIRESTOP SHALL BE USED AT FIRE RATED PARTITIONS. RECESSED BOXES SHALL BE SEALED AND RUNNERS SHALL BE SET IN 2 BEADS OF SEALANT OR AS REQUIRED BY MANUFACTURER

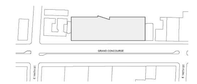
ABOUT SOUND ATTENUATED PARTITIONS:

1. THE 2014 NYC DOB CODE REQUIRES A MINIMUM STC 50 AND IIC 50 RATING FOR WALLS, PARTITIONS, AND FLOOR/CEILING ASSEMBLIES WHICH SEPARATE:
- ADJACENT DWELLING UNITS
- DWELLING UNITS AND PUBLIC OR SERVICE AREAS (CORRIDORS, LAUNDRY ROOMS, REFUSE ROOMS, STAIRS, ELEVATORS, AMONG OTHERS)
- DWELLING UNITS AND STAIRS
- DWELLING UNITS AND MECHANICAL EQUIPMENT SPACES
2. STC-RATED PARTITION CONSTRUCTION SHALL HAVE ALL PENETRATIONS AND INTERSECTIONS SEALED AIRTIGHT WITH ACOUSTICAL SEALANT
3. WALL TYPE D: AT PIPE CHASES, BRACE PIPING TO STUD SIDE WHICH PIPING SERVES, TYP.
4. WALL TYPE D: MINIMIZE CROSS-BRACING BETWEEN STUD ROWS

ABOUT CMU PARTITIONS:

1. SEE SPECIFICATION SECTION 04 20 00 " UNIT MASONRY ASSEMBLIES" FOR ADDITIONAL UNIT MASONRY REQUIREMENTS, INCLUDING REQUIRED JOINT REINFORCEMENT.
2. WALLS AND PARTITIONS INDICATED ON THE STRUCTURAL DWGS ARE LOAD BEARING AND STRUCTURAL U.O.N. FOLLOW ADDITIONAL DETAILS AND NOTES AS MAY BE INDICATED ON STRUCTURAL DWGS FOR SUCH LOAD BEARING WALLS AND PARTITIONS
3. 6" CMU FILL 100% SOLID AT REFUSE CHUTE ENCLOSURE

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

PARTITION SCHEDULE

SCALE: 1 1/2" = 1'-0" PAGE: 66 OF 75

A-600.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

NOT USED

NOT USED

11/7/2025 1:54:45 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

DOOR SCHEDULE - RESIDENTIAL UNITS

TYPE MARK	ROOM - DESCRIPTION	DOOR PANEL TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	FIRE RATING	DOOR FRAME TYPE	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	MATERIAL	FINISH	SADDLE FINISH	ACCESS CONTROLLED	HARDWARE	REMARKS
R-1	APARTMENT ENTRY	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PT-18 @ CORR / PT-17 @ UNIT	90 MIN	A	H1	J1	S1	HM	PT-18 @ CORR / PT-17 @ UNIT		No	U01	STC 30 - SOUND SEAL ACCESSORIES INCLUDING HEAD, JAMB, AND DOOR SEALS
R-2	APARTMENT BEDROOMS	A	3' - 0"	7' - 0"	0' - 1 3/8"	WD	PT-17	N/A	A	H1	J1	S2	HM	PT-17		No	U02	By type
R-3	APARTMENT BATHROOMS	A	3' - 0"	7' - 0"	0' - 1 3/8"	WD	PT-17	N/A	A	H1	J1	S3	HM	PT-17		No	U02	By type
R-4	APARTMENT CLOSETS	A	3' - 0"	7' - 0"	0' - 1 3/8"	WD	PT-17	N/A	A	H1	J1	S2	HM	PT-17		No	U03	By type
R-6	APARTMENT CLOSETS	A	2' - 6"	7' - 0"	0' - 1 3/8"	WD	PT-17	N/A	A	H1	J1	S2	HM	PT-17		No	U03	By type
R-7	APARTMENT CLOSETS	A	2' - 4"	7' - 0"	0' - 1 3/8"	WD	PT-17	N/A	A	H1	J1	S2	HM	PT-17		No	U03	By type
R-8	APARTMENT CLOSETS	A	2' - 0"	7' - 0"	0' - 1 3/8"	WD	PT-17	N/A	A	H1	J1	S2	HM	PT-17		No	U03	By type
R-9	APARTMENT CLOSETS	A	1' - 8"	7' - 0"	0' - 1 3/8"	WD	PT-17	N/A	A	H1	J1	S2	HM	PT-17		No	U03	By type
R-11	APARTMENT CLOSETS	A	1' - 2"	7' - 0"	0' - 1 3/8"	WD	PT-17	N/A	A	H1	J1	S2	HM	PT-17		No	U03	By type
R-12	APARTMENT CLOSETS	S	3' - 0"	6' - 8"	0' - 1 3/8"	WD	PT-17	N/A	A	H11	J11	S2	HM	PT-17		No	U04	By type
R-13	APARTMENT CLOSETS	T	4' - 0"	6' - 8"	0' - 1 3/8"	WD	PT-17	N/A	A	H11	J11	S2	HM	PT-17		No	U05	By type
R-14	APARTMENT WASHER/ DRYER	C	2' - 4"	7' - 0"	0' - 1 3/8"	WD	PT-17	N/A	A	H1	J1	S2	HM	PT-17		No	U03	By type

DOOR SCHEDULE - COMMON AREA-ST

TYPE MARK	ROOM - DESCRIPTION	DOOR PANEL TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	FIRE RATING	DOOR FRAME TYPE	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	MATERIAL	FINISH	SADDLE FINISH	ACCESS CONTROLLED	HARDWARE	REMARKS
C-1	REFUSE ROOM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PT-23 / PT-24	90 MIN	A	H1	J1	S5	HM	PT-23 / PT-24		No	A17	By type
C-1A	REFUSE ROOM	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PT-23 / PT-24	90 MIN	A	H9	J9	S5	HM	PT-23 / PT-24		No	A17	By type
C-2	ELEVATOR DOOR PE1	Q	3' - 6"	7' - 6"	0' - 1 3/4"	HM	PT-24	N/A	N/A	TBD	TBD	14/A-720	HM	PT-24		No	A29	
C-2A	ELEVATOR DOOR PE1	Q	3' - 6"	7' - 6"	0' - 1 3/4"	HM	PT-24	N/A	N/A	TBD	TBD	15/A-720	HM	PT-24		Yes	A29	CR inside cab
C-2B	ELEVATOR DOOR PE1	Q	3' - 6"	7' - 6"	0' - 1 3/4"	HM	PT-24	N/A	N/A	TBD	TBD	14/A-720	HM	PT-24		No	A29	
C-3	ELEVATOR DOOR PE2-3	Q1	3' - 6"	7' - 6"	0' - 1 3/4"	HM	PT-24	N/A	N/A	TBD	TBD	15/A-720	HM	PT-24		No	A29	
C-4	ELEVATOR DOOR PE4-5	Q2	4' - 0"	7' - 6"	0' - 1 3/4"	HM	PT-24	N/A	N/A	TBD	TBD	15/A-720 SIM	HM	PT-24		No	A29	
C-4A	ELEVATOR DOOR PE6-7	Q2	4' - 0"	7' - 6"	0' - 1 3/4"	HM	PT-24	N/A	N/A	TBD	TBD	15/A-720 SIM	HM	PT-24		No	A29	
C-5	ELEVATOR DOOR FE1	Q3	8' - 0"	9' - 0"	0' - 1 3/4"	HM	PT-24	N/A	N/A	TBD	TBD		HM	PT-24		No	A29	
C-5A	ELEVATOR DOOR SE1-2	Q3	6' - 8"	9' - 0"	0' - 1 3/4"	HM	PT-24	N/A	N/A	TBD	TBD		HM	PT-24		No	A29	
C-6	ELECTRICAL CLOSET	D	6' - 0"	7' - 0"	0' - 1 3/4"	HM	(*)	90 MIN	A	H1	J1	S4	HM	(*)		No	A28	(*) Same Color as adjacent Wal. Semi-gloss
C-7	STAIR	A	3' - 0"	7' - 0"	0' - 1 3/4"	HM	(*) / PT-24	90 MIN	A	H7	J7	S8	HM	(*) / PT-24		No	A18	By type

DOOR SCHEDULE - STOREFRONT

MARK	ROOM / SPACE	DOOR PANEL TYPE	LEAF 1 WIDTH	LEAF 2 WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	FIRE RATING	DOOR FRAME TYPE	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	MATERIAL	FINISH	SADDLE FINISH	ACCESS CONTROLLED	HARDWARE	REMARKS
IS101	RESIDENTIAL ENTRY	J	2' - 9"	2' - 9"	8' - 10 3/4"	0' - 1 3/4"	ALUM/GL	PT	N/A	N/A	13/A-522	TBD	S26	ALUM	PT		Yes	SF02	
IS102	RETAIL ENTRY	U			10' - 9 1/2"	-0' - 1 1/4"	ALUM/GL	TBD	N/A	N/A		TBD		ALUM	TBD		No	SF01	Break Away Device - Provide req'd signage
IS103	RETAIL ACCESS VESTIBULE	U			10' - 9 1/2"	-0' - 1 1/4"	ALUM/GL	TBD	N/A	N/A		TBD		ALUM	TBD		No	SF01	Break Away Device - Provide req'd signage
XS102	RETAIL ENTRY	U			10' - 9"	-0' - 1 1/4"	ALUM/GL	TBD	N/A	N/A	9/A-520	TBD	9/A-520	ALUM	TBD		No	SF06	Break Away Device - Provide req'd signage
XS102	RETAIL ENTRY	U			10' - 9"	-0' - 1 1/4"	ALUM/GL	TBD	N/A	N/A	9/A-520	TBD	9/A-520	ALUM	TBD		No	SF01	Break Away Device - Provide req'd signage
XS201	CORRIDOR TERRACE	J	2' - 11"	2' - 11"	9' - 0"	0' - 1 3/4"	ALUM/GL	PT	N/A	N/A	13/A-522	TBD	13/A-522	ALUM	PT		Yes	SF02	
XS202	PARTY ROOM TERRACE	I	3' - 1 3/4"		9' - 0"	0' - 1 3/4"	ALUM/GL	PT-09 / GL-04	N/A	A	H1	J1	13/A-522	ALUM	PT-09		Yes	SF05	
XS203	RETAIL TERRACE	J	2' - 11 1/4"	2' - 11 1/4"	9' - 1"	0' - 1 3/4"	ALUM/GL	PT	N/A	N/A	13/A-522	TBD	13/A-522	ALUM	PT		No	SF04	
XS204	RETAIL TERRACE	J	2' - 9 7/8"	2' - 9 7/8"	8' - 11 125/128"	0' - 1 3/4"	ALUM/GL	PT	N/A	N/A	13/A-522	TBD	13/A-522	ALUM	PT		No	SF04	

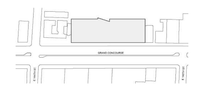
DOOR SCHEDULE - EXTERIOR DOOR

MARK	ROOM / SPACE	DOOR PANEL TYPE	LEAF 1 WIDTH	LEAF 2 WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	FIRE RATING	DOOR FRAME TYPE	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	MATERIAL	FINISH	SADDLE FINISH	ACCESS CONTROLLED	HARDWARE	REMARKS
X101	STAIR B	A	3' - 0"		9' - 0"	0' - 1 3/4"	HM	PT	N/A	A	1/A-521	TBD	1/A-521	HM	PT		No	A07	NO RE-ENTRY, EGRESS ONLY
X103	BOH CORRIDOR	A	3' - 0"		9' - 0"	0' - 1 3/4"	HM	PT	N/A	A	1/A-521	TBD	1/A-521	HM	PT		Yes	A01	CR. - SEE SECURITY DRAWINGS
X104	GARAGE DOOR	P			11' - 9 1/2"	0' - 2"	HM	PT	N/A	N/A	8/A-520	TBD	8/A-520	HM	PT		No	A30	
X105	LOADING DOCK	A	3' - 0"		9' - 0"	0' - 1 3/4"	HM	PT	N/A	A	1/A-521 SIM	TBD	1/A-521 SIM	HM	PT		No	A06	
X106	LOADING DOCK	P			16' - 2 1/2"	0' - 2"	HM	PT	N/A	N/A	7/A-520	TBD	7/A-520	HM	PT		No	A30	
X107	RESIDENTIAL ENTRY	J	2' - 11 1/2"	2' - 11 1/2"	8' - 10 3/4"	0' - 1 3/4"	ALUM/GL	TBD	N/A	N/A	9/A-520	TBD	9/A-520	ALUM	PT		No	SF03	
X109	STAIR C	A	3' - 0"		9' - 0"	0' - 1 3/4"	HM	PT	N/A	A	1/A-521	TBD	1/A-521	HM	PT		No	A07	NO RE-ENTRY, EGRESS ONLY
X201	RETAIL MECH TERRACE	B	4' - 0"	4' - 0"	7' - 0"	0' - 1 3/4"	HM	PT	N/A	A	2/A-521	TBD	2/A-521	HM	PT		No	A08	
X301	PRIVATE TERRACE	I	3' - 2"		7' - 2 1/2"	0' - 2"	POLY/GLASS		N/A	A	14/A-522	TBD	14/A-522	POLY			No	SF06	
X302	AMENITY TERRACE	J	3' - 0"	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM/GL	PT	N/A	A	13/A-522	TBD	13/A-522	ALUM	PT		Yes	SF07	
X1001	PRIVATE TERRACE	I	3' - 2"		7' - 2 1/2"	0' - 2"	POLY/GLASS		N/A	A	14/A-522	TBD	14/A-522	POLY			No	SF06	
X1201	PRIVATE TERRACE	I	3' - 2"		7' - 2 1/2"	0' - 2"	POLY/GLASS		N/A	A	14/A-522	TBD	14/A-522	POLY			No	SF06	
X1401	RESI CORRIDOR/CORE	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT	90 MIN	A	1/A-521 SIM	TBD	1/A-521 SIM	HM	PT		Yes	A01	CR. - SEE SECURITY DRAWINGS
X1402	RESI CORRIDOR/CORE	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT	90 MIN	A	1/A-521 SIM	TBD	1/A-521 SIM	HM	PT		Yes	A01	CR. - SEE SECURITY DRAWINGS
X1403	MECH	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT	90 MIN	A	1/A-521 SIM	TBD	1/A-521 SIM	HM	PT		No	A06	
X1404	MECH	B	3' - 0"	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PT	90 MIN	A	1/A-521 SIM	TBD	1/A-521 SIM	HM	PT		No	A06	
X1405	MECH	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT	90 MIN	A	1/A-521 SIM	TBD	1/A-521 SIM	HM	PT		No	A06	
X1406	STAIR B	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-03	90 MIN	A	H4	J4	TBD	HM	PT-03		No	A02	FAIL SAFE
X1501	BULKHEAD	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT		A	H1	J1		HM	PT		No	A06	

DOOR SCHEDULE - FOR INSTANCE DOORS (AMENITIES / BOH / ROOF)

z	ROOM / SPACE	DOOR PANEL TYPE	LEAF 1 WIDTH	LEAF 2 WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	FIRE RATING	DOOR FRAME TYPE	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	MATERIAL	FINISH	SADDLE FINISH	ACCESS CONTROLLED	HARDWARE	REMARKS
001	STAFF LOUNGE	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H5	J5	S20	HM	PT-24		Yes	A24	FAIL SAFE
002	LOCKER ROOM	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-25 / PT-24	N/A	A	H1	J1	S21	HM	PT-25 / PT-24		No	A23	
003	WC / SHOWER	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-25 / PT-24	N/A	A	H1	J1	S22	HM	PT-25 / PT-24		No	A19	
004	OFFICE 1	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H5	J5	S20	HM	PT-24		Yes	A24.1	
005	OFFICE 2	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-25 / PT-24	N/A	A	H1	J1	S21	HM	PT-25 / PT-24		Yes	A24.1	
006	COMPACTOR	A	3' - 6"		7' - 0"	0' - 1 3/4"	HM	PT-24	180 MIN	A	H3	J3	S23	HM	PT-24		No	A25	
007	CLOSET @ COMPACTOR	A	3' - 6"		7' - 0"	0' - 1 3/4"	HM	PT-24	180 MIN	A	H3	J3	S23	HM	PT-24		No	A11	
008	ORGANICS	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H3	J3	S23	HM	PT-24		No	A11	
009	CRAWL SPACE	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	N/A	A	H3	J3	S23	HM	PT-24		No	A06	INSUL. PANEL, WEATHER STRIP & SILL
010	LAUNDRY ROOM	I	3' - 0"		7' - 0"	0' - 1 7/8"	ALUM/GL	PT-09 / GL-03	90 MIN	A	H1	J1	S20	ALUM	PT-09		Yes	A24.1	
011	JAN CL	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H3	J3	S23	HM	PT-24		No	A11	
012	BATHROOM	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H5	J5	S24	HM	PT-24		No	A20	
013	PET SPA	I	3' - 0"		7' - 0"	0' - 1 7/8"	ALUM/GL	PT-09 / GL-03	90 MIN	A	H1	J1	S24	ALUM	PT-09		Yes	A24.1	
014	BIKE ROOM	I	3' - 0"		7' - 0"	0' - 1 7/8"	ALUM/GL	PT-09 / GL-03	90 MIN	A	H1	J1	S29	ALUM	PT-09		Yes	A24.1	
015	MUSIC ROOM	I	3' - 0"		7' - 0"	0' - 1 7/8"	ALUM/GL	PT-09 / GL-03	90 MIN	A	H1	J1	S25	ALUM	PT-09		Yes	A24.1	
016	FIRE PUMP RM	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H3	J3	S23	HM	PT-24		No	A11	
017	GAS RM	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H3	J3	S23	HM	PT-24		No	A11	
018	BUILDING STORAGE	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H3	J3	S23	HM	PT-24		Yes	A24	
019	ARCS	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H3	J3	S23	HM	PT-24		No	A11	
020	ATS	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H3	J3	S23	HM	PT-24		No	A11	
021	MDF RM/ TELECOM	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H3	J3	S23	HM	PT-24		No	A11	
022	ELEC. RM 1	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H3	J3	S23	HM	PT-24		No	A14	
023	ELEC. RM 2	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H3	J3	S23	HM	PT-24		No	A14	
024	PARKING GARAGE	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H3	J3	S23	HM	PT-24		Yes	A03	INSUL. PANEL, WEATHER STRIP & SILL
025	SE 1/2/3/4 EMR	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H3	J3	S23	HM	PT-24		No	A06	
026	ATTENDANT OFFICE	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	N/A	A	H5	J5	S23	HM	PT-24		No	A05	
027	JAN CL	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	N/A	A	H3	J3	S23	HM	PT-24		No	A06	
028	BATHROOM	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	N/A	A	H5	J5	S24	HM	PT-24		No	A19	
029	S4/5 EMR	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H3	J3	S23	HM	PT-24		No	A06	
030	STAIR D	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H4	J4	S23	HM	PT-24		Yes	A16	
031	STAIR C	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H4	J4	S23	HM	PT-24		Yes	A16	FAIL SAFE
032	STAIR B	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H4	J4	S23	HM	PT-24		No	A16	
033	LAUNDRY PLENUM	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-25 / PT-24		A	H1	J1		HM	PT-25 / PT-24		No		
101	PACKAGE ROOM 1	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-01 / PT-24	N/A	A	H1	J1	S2	HM	PT-01 / PT-24		No	A13	
102	PACKAGE ROOM 2	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H5	J5	S24	HM	PT-24		No	A11	
103	BOH CORRIDOR	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-25 / PT-24	N/A	A	H1	J1	S24	HM	PT-25 / PT-24		Yes	A11	
104	STAIR D	G	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-25 / PT-24	90 MIN	A	H5	J5	S23	HM	PT-25 / PT-24		Yes	A16	
105	LOADING DOCK	H	3' - 0"	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H4	J4	S29	HM	PT-24		No	A27	
106	SUPERMARKET EGRESS	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H3	J3	S29	HM	PT-24		No	A10	
107	STAIR A	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-01 / PT-24	90 MIN	A	H4	J4	S23	HM	PT-01 / PT-24		Yes	A16	FAIL SAFE
201	PARTY ROOM	I	3' - 0"		7' - 0"	0' - 1 7/8"	ALUM/GL	PT-09 / GL-03	90 MIN	A	H1	J1	S3	ALUM	PT-09		Yes	A24.1	
202	DINING ROOM	I	3' - 0"		7' - 0"	0' - 1 7/8"	ALUM/GL	PT-09 / GL-03	90 MIN	A	H1	J1	S10	ALUM	PT-09		Yes	A24.1	
203	DINING ROOM	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-25 / PT-24	N/A	A	H1	J1	S11	HM	PT-24		No	A15	
204	FITNESS AREA	I	3' - 0"		7' - 0"	0' - 1 7/8"	ALUM/GL	PT-09 / GL-03	90 MIN	A	H1	J1	S14	ALUM	PT-09		Yes	A24.1	
205	STUDIO	I	3' - 0"		7' - 0"	0' - 1 7/8"	ALUM/GL	PT-09 / GL-03	90 MIN	A	H1	J1	S10	ALUM	PT-09		Yes	A24.1	
206	STUDIO	I	3' - 0"		7' - 0"	0' - 1 7/8"	ALUM/GL	PT-09 / GL-03	N/A	A	H1	J1	S15	ALUM	PT-09		No	A15	
207	STORAGE	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-03	N/A	A	H4	J4	S12	HM	PT-03		No	A11	
208	OWNER'S LAND ROOM	A	2' - 8"		7' - 0"	0' - 1 3/4"	HM	PT-25 / PT-24	N/A	A	H1	J1	S13	HM	PT-25 / PT-24		No	A11	
209	BATHROOM	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-23 / PT-24	90 MIN	A	H1	J1	S2	HM	PT-23 / PT-24		No	A20	
210	STAIR B	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-03	90 MIN	A	H4	J4	S2	HM	PT-03		No	A09	FAIL SAFE
211	STAIR C	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24	90 MIN	A	H4	J4	S29	HM	PT-24		Yes	A26	
211 A	STAIR C	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-03 / PT-24	90 MIN	A	H4	J4	S28	HM	PT-03 / PT-24		Yes	A24.1	
211 B	STAIR C	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-25 / PT-24	90 MIN	A	H4	J4	S27	HM	PT-25 / PT-24		Yes	A24.1	
1301	RESI AMENITY - CO-WORK	I	3' - 0"		7' - 0"	0' - 1 7/8"	ALUM/GL	PT-09 / GL-04	90 MIN	A	H1	J1	S18	ALUM	PT-09		Yes	A24.1	CR. - SEE SECURITY DRAWINGS
1302	CO-WORK ZOOM RM 1	I	3' - 1"		6' - 11"	0' - 1 3/4"	ALUM/GL	PT-09 / GL-04	N/A	A	H1	J1	S19	ALUM	PT-09		No	A12	
1304	CO-WORK ZOOM RM 3	I	3' - 1"		6' - 11"	0' - 1 3/4"	ALUM/GL	PT-09 / GL-04	N/A	A	H1	J1	S19	ALUM	PT-09		No	A12	
1305	CO-WORK ZOOM RM 4	I	3' - 1"		6' - 11"	0' - 1 3/4"	ALUM/GL	PT-09 / GL-04	N/A	A	H1	J1	S19	ALUM	PT-09		No	A12	
1306 A	CO-WORK OFFICE	I	3' - 1"		6' - 11"	0' - 1 3/4"	ALUM/GL	PT-09 / GL-04	N/A	A	H1	J1	S19	ALUM	PT-09		No	A12	
1307	CO-WORK BATHROOM	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-18 @ CORR / PT-17 @ UNIT	90 MIN	A	H1	J1	S7	HM	PT-18 @ CORR / PT-17 @ UNIT		Yes	A20	
1371	CO-WORK ZOOM RM 5 (ADA)	I	3' - 1"		6' - 11"	0' - 1 3/4"	ALUM/GL	PT-09 / GL-04	N/A	A	H1	J1	S19	ALUM	PT-09		No	A12	
1501	EMR	A	3' - 0"		7' - 0"	0' - 1 3/4"	HM	PT-24		A	H3	J3	S29	HM	PT-24		No		

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
F	10.17.2025	DOB EN ISSUANCE
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

DOOR SCHEDULE

SCALE: PAGE: 67 OF 75

A-610.00

DOB SCAN STICKER

SEAL

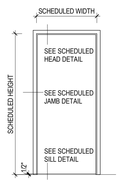
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

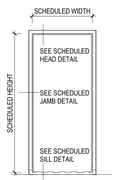
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 5:03:47 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

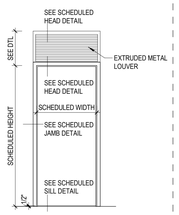
FRAME TYPE | DOOR TYPE



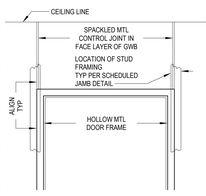
1 TYPE A - FRAME
SCALE: 3/8"=1'-0"



2 TYPE B - 4 SIDED FRAME
SCALE: 3/8"=1'-0"

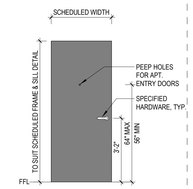


3 TYPE C - FRAME WITH TRANSOM
SCALE: 3/8"=1'-0"

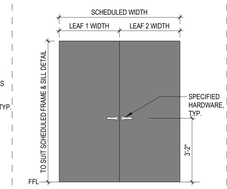


NOTE: DETAIL APPLIES AT CORRIDOR SIDE OF APARTMENT UNIT ENTRY DOORS. NON-BEARING WALL CONDITIONS ONLY.

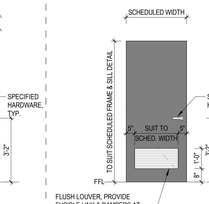
CONTROL JOINT DETAIL



A SINGLE DOOR
SCALE: 3/8"=1'-0"

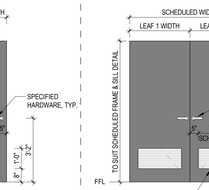


B DOUBLE DOOR
SCALE: 3/8"=1'-0"



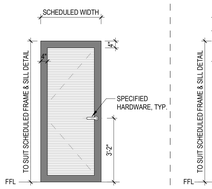
FLUSH LOUVER, PROVIDE FUSIBLE LINK & DAMPERS AT FIRE RATED DOORS AS REQ'D

C LOUVERED SINGLE DOOR
SCALE: 3/8"=1'-0"

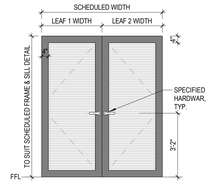


FLUSH LOUVER, PROVIDE FUSIBLE LINK & DAMPERS AT FIRE RATED DOORS AS REQ'D

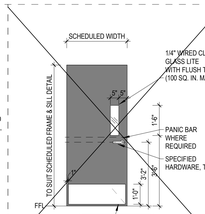
D LOUVERED DOUBLE DOOR
SCALE: 3/8"=1'-0"



E FULL LOUVERED SINGLE DOOR
SCALE: 3/8"=1'-0"



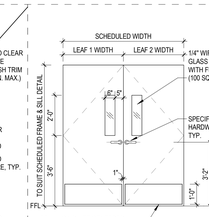
F FULL LOUVERED DOUBLE DOOR
SCALE: 3/8"=1'-0"



METAL KICK PLATE CENTERED ON DOOR, IF REQ'D

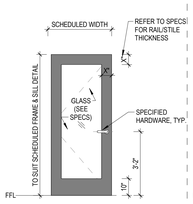
NOT USED

G VISION GLASS SINGLE DOOR
SCALE: 3/8"=1'-0"

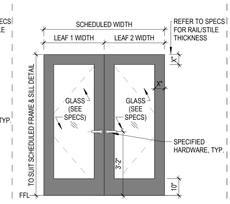


METAL KICK PLATE CENTERED ON DOOR, IF REQ'D

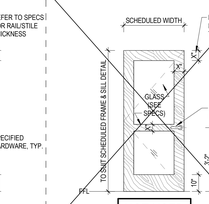
H VISION GLASS DOUBLE DOOR
SCALE: 3/8"=1'-0"



I FRAMED ALUM/GLASS SINGLE DOOR
SCALE: 3/8"=1'-0"

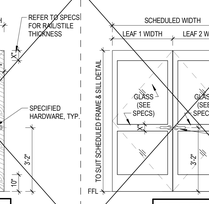


J FRAMED ALUM/GLASS DOUBLE DOOR
SCALE: 3/8"=1'-0"



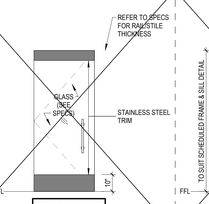
NOT USED

K FRAMED DL AL/GLASS SINGLE DOOR
SCALE: 3/8"=1'-0"



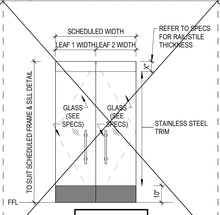
NOT USED

L FRAMED DL AL/GLASS DOUBLE DOOR
SCALE: 3/8"=1'-0"



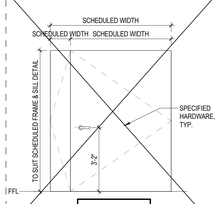
NOT USED

M FRAMELESS GLASS SINGLE DOOR
SCALE: 3/8"=1'-0"



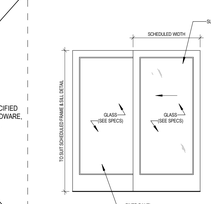
NOT USED

N FRAMELESS GLASS DOUBLE DOOR
SCALE: 3/8"=1'-0"



NOT USED

O UNEQUAL DOUBLE DOOR
SCALE: 3/8"=1'-0"



V SINGLE SLIDING DOOR
SCALE: 3/8"=1'-0"

Q2 ELEVATOR DOOR
SCALE: 3/8"=1'-0"

Q1 ELEVATOR DOOR
SCALE: 3/8"=1'-0"

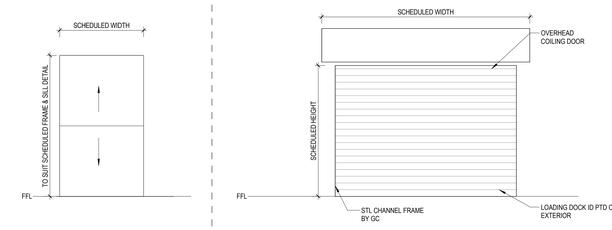
Q ELEVATOR DOOR
SCALE: 3/8"=1'-0"

R POCKET DOOR
SCALE: 3/8"=1'-0"

S SINGLE DOOR - BIFOLD
SCALE: 3/8"=1'-0"

T DOUBLE DOOR - BIFOLD
SCALE: 3/8"=1'-0"

U DOUBLE SLIDING DOOR
SCALE: 3/8"=1'-0"



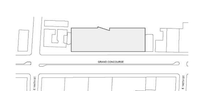
Q3 ELEVATOR DOOR
SCALE: 3/8"=1'-0"

P GARAGE DOOR
SCALE: 3/8"=1'-0"

DOOR SCHEDULE NOTES:
FOR DOOR HARDWARE REFER TO SPECS.

1. SEE SHEET A-6XX FOR TYPICAL DOOR DETAILS, UNO. SEE SPEC. SECTION 08700 "FINISH HARDWARE" FOR HARDWARE SETS SCHEDULED BY A NUMBER. SEE SPEC. SECTION 084113 "ALUMINUM FRAMED EXTERIOR GLAZING SYSTEMS", SEE SPEC. SECTION 084126 "ALL GLASS ENTRANCES & STOREFRONTS" FOR HARDWARE SETS SCHEDULED BY A LETTER.
2. RATED DOORS TO BE LABELLED AND VISIBLE FOR INSPECTION (NOT PAINTED-OVER BECOMING ILLEGIBLE).
3. ALL PAINTED DOORS AND FRAMES ARE TO BE SHOP PRIMED, UNO.
4. ALL FRAMES TO BE SET ON TOP OF CONCRETE SLAB w/ ADJUSTABLE CLIPS, UNO.
5. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES MIN. AND 48 INCHES MAX. ABOVE THE FLOOR (UNO).
6. SEE SECTION 142.10 "ELECTRIC TRACTION ELEVATORS" FOR ADDITIONAL ELEVATOR ENTRANCE DOOR REQUIREMENTS.
7. FAILSAFE ELECTRIC STRIKE RELEASED BY CONCIERGE COORDINATE WITH INTERCOM SYSTEMS.
8. FAILSAFE ELECTRIC STRIKE RELEASED BY CONCIERGE COORDINATE WITH FIRE ALARM SYSTEMS.
9. PROVIDE KNOCK-DOWN TYPE FRAMES.
10. DOORS INDICATED DASHED ON PLANS ARE DOOR LOCATION & SWING NECESSARY, TO MAKE DOORWAY FULLY HANDICAP ACCESSIBLE. FABRICATED FRAMES FOR DOORS AT THESE LOCATIONS TO ALLOW FIELD MODIFICATIONS, INCLUDING HARDWARE RELOCATIONS AS REQUIRED.
11. ACCESS DOORS TO BE UL LISTED. UL236: HORIZONTAL, UL 108: VERTICAL
12. EXTERIOR OVERHEAD COIL DOORS - MEA#282-97-M
13. PROVIDE DOOR 1-1/2 HR RATED AT RESIDENTIAL CORRIDORS, TYPICAL.
14. CR: CARD READER
15. DC: DIRECT CONTACT

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

DOOR AND FRAME TYPES

SCALE: 3/8" = 1'-0" PAGE:

A-611.00

DOB SCAN STICKER

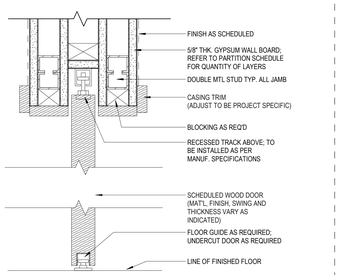
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

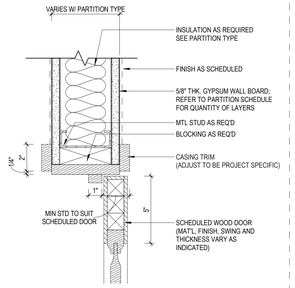
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

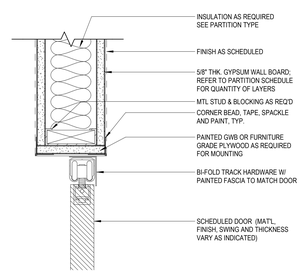
11/10/2025 5:03:47 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



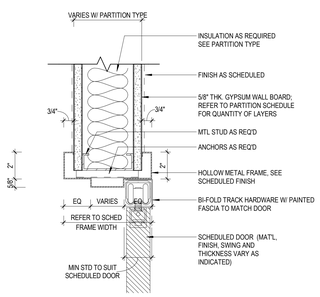
H14 GWB STUD WALL - WOOD FRAME & WOOD DOOR - SLIDING
SCALE: 3"=1'-0"



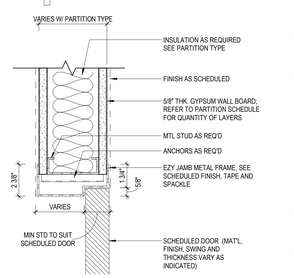
H13 GWB STUD WALL - WOOD FRAME
SCALE: 3"=1'-0"



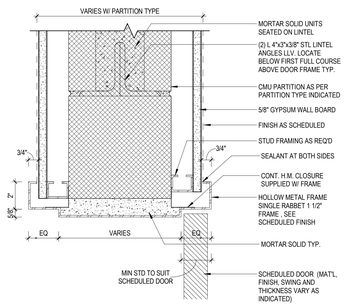
H12 BI-FOLD FRAMELESS CLOSET
SCALE: 3"=1'-0"



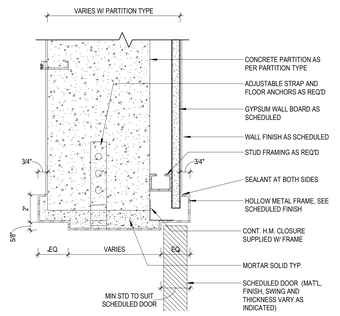
H11 BI-FOLD CLOSET W/ FRAME
SCALE: 3"=1'-0"



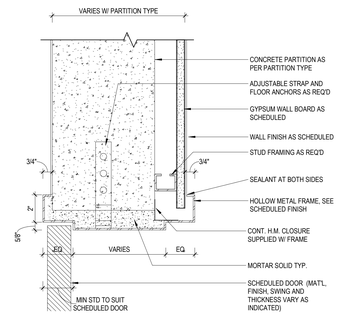
H10 SINGLE LAYER GWB STUD WALL (EZY-JAMB)
SCALE: 3"=1'-0"



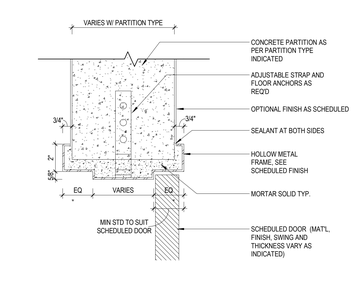
H9 CMU WALL (FURRING ON 2 SIDES)
SCALE: 3"=1'-0"



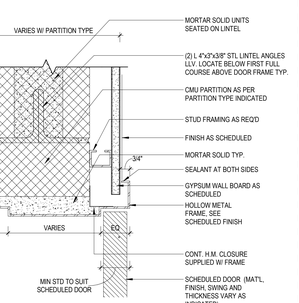
H8 CONCRETE WALL (FURRING, AT PULL SIDE)
SCALE: 3"=1'-0"



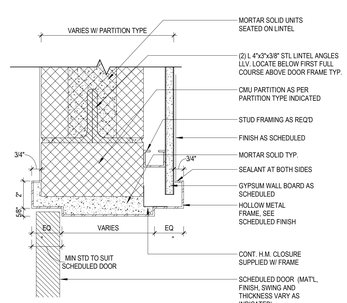
H7 CONCRETE WALL (FURRING, AT PUSH SIDE)
SCALE: 3"=1'-0"



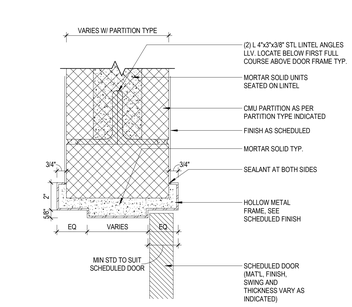
H6 CONCRETE WALL (NO FURRING)
SCALE: 3"=1'-0"



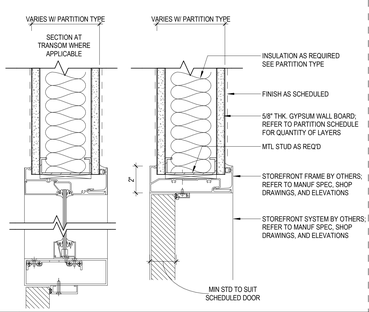
H5 CMU WALL (FURRING, AT PULL SIDE)
SCALE: 3"=1'-0"



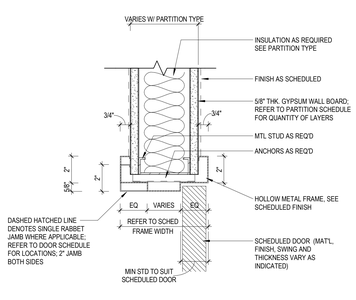
H4 CMU WALL (FURRING, AT PUSH SIDE)
SCALE: 3"=1'-0"



H3 CMU WALL (NO FURRING)
SCALE: 3"=1'-0"

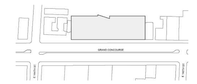


H2 GWB STUD WALL - INTERIOR STOREFRONT
SCALE: 3"=1'-0"



H1 GWB STUD WALL
SCALE: 3"=1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

DOOR HEADER DETAILS

SCALE: 3" = 1'-0" PAGE:

A-612.00

DOB SCAN STICKER

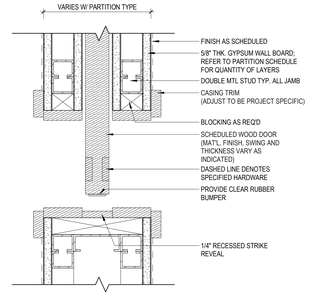
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

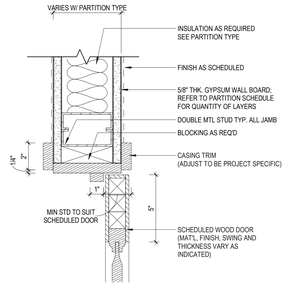
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

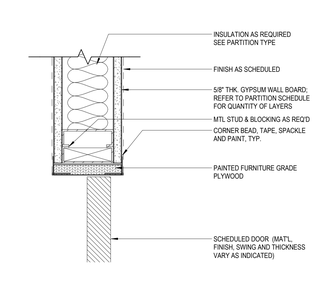
11/7/2025 6:43:08 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



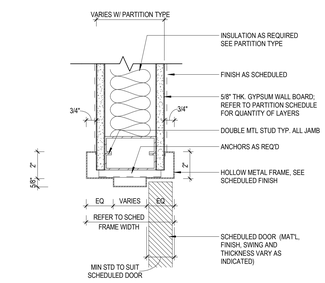
J14 GWB STUD WALL - WOOD FRAME & WOOD DOOR - SLIDING
SCALE: 3"=1'-0"



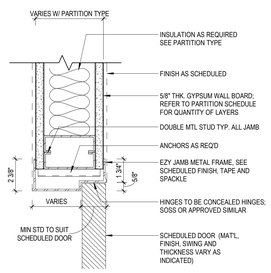
J13 GWB STUD WALL - WOOD FRAME & WOOD DOOR
SCALE: 3"=1'-0"



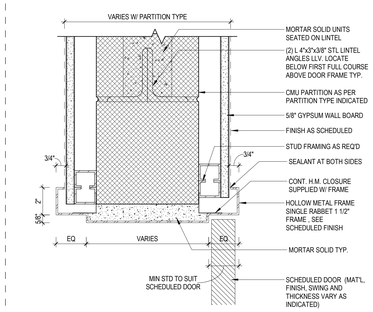
J12 BI-FOLD FRAMELESS CLOSET
SCALE: 3"=1'-0"



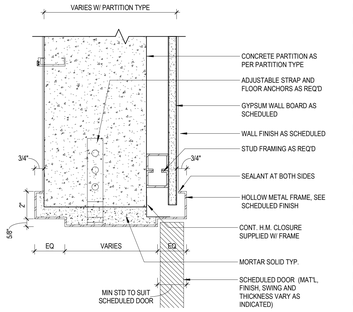
J11 BI-FOLD CLOSET W/ FRAME
SCALE: 3"=1'-0"



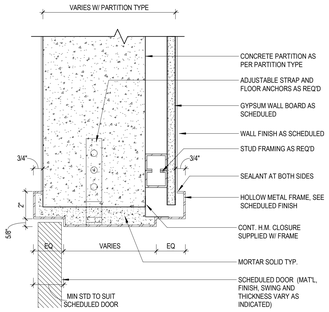
J10 SINGLE LAYER GWB STUD WALL (EZY-JAMB)
SCALE: 3"=1'-0"



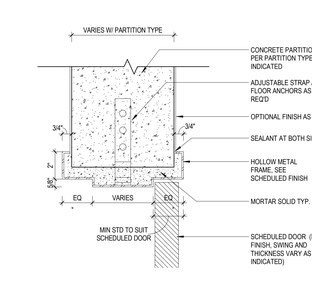
J9 CMU WALL (FURRING ON 2 SIDES)
SCALE: 3"=1'-0"



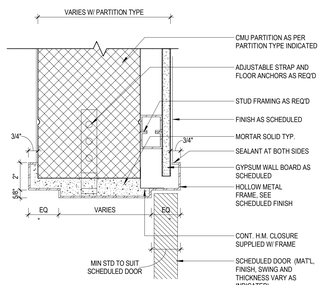
J8 CONCRETE WALL (FURRING, AT PULL SIDE)
SCALE: 3"=1'-0"



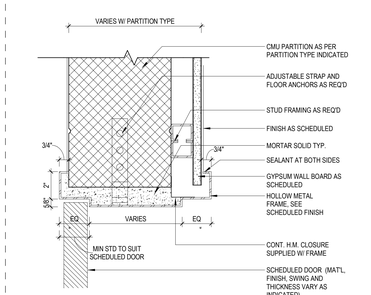
J7 CONCRETE WALL (FURRING, AT PUSH SIDE)
SCALE: 3"=1'-0"



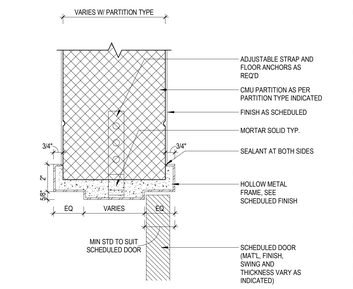
J6 CONCRETE WALL (NO FURRING)
SCALE: 3"=1'-0"



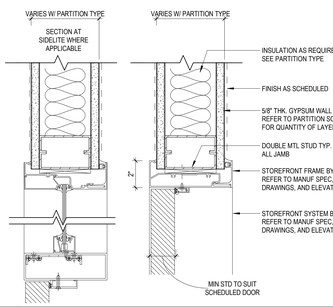
J5 CMU WALL (FURRING, AT PULL SIDE)
SCALE: 3"=1'-0"



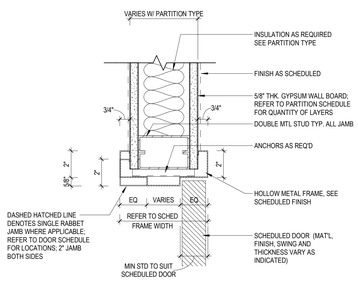
J4 CMU WALL (FURRING, AT PUSH SIDE)
SCALE: 3"=1'-0"



J3 CMU WALL (NO FURRING)
SCALE: 3"=1'-0"

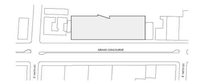


J2 GWB STUD WALL - INTERIOR STOREFRONT
SCALE: 3"=1'-0"



J1 GWB STUD WALL
SCALE: 3"=1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212)-964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

DOOR JAMB DETAILS

SCALE: 3" = 1'-0" PAGE:

A-613.00

DOB SCAN STICKER

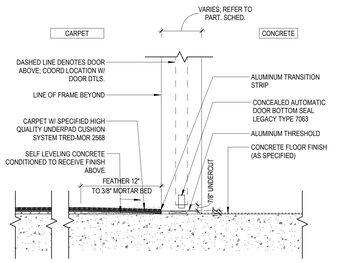
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

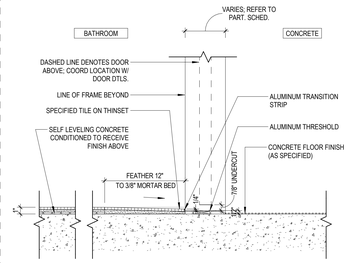
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

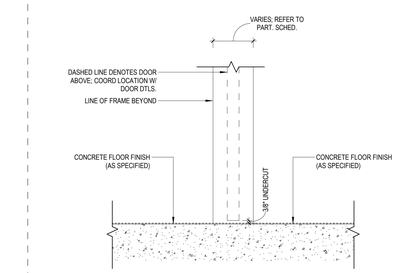
11/7/2025 6:43:09 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



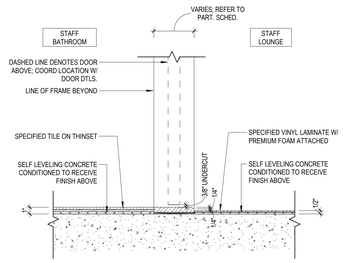
S25 SILL DETAIL - CARPET TO CONCRETE FLOOR
SCALE: 1 1/2"=1'-0"



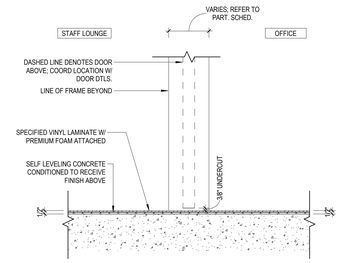
S24 SILL DETAIL - TILE TO CONCRETE FLOOR
SCALE: 1 1/2"=1'-0"



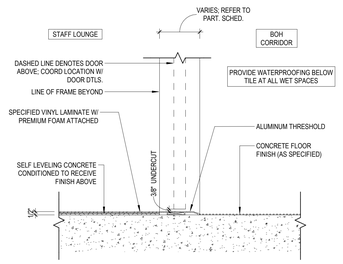
S23 SILL DETAIL - CONCRETE FLOOR (NO SADDLE)
SCALE: 1 1/2"=1'-0"



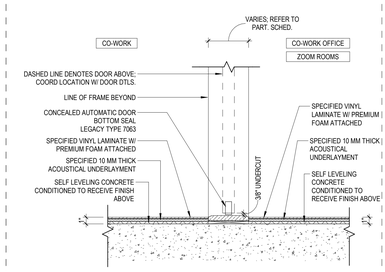
S22 SILL DETAIL - BOH OFFICE TO BATHROOM TILE
SCALE: 1 1/2"=1'-0"



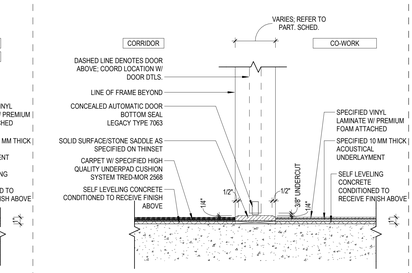
S21 SILL DETAIL - BOH OFFICES
SCALE: 1 1/2"=1'-0"



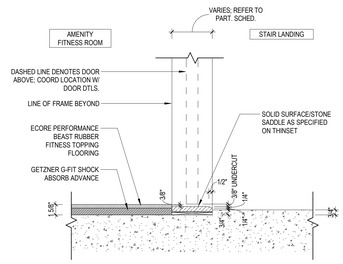
S20 SILL DETAIL - BOH STAFF TO BOH CORRIDOR
SCALE: 1 1/2"=1'-0"



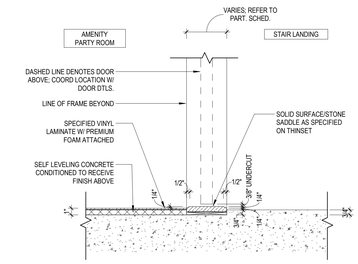
S19 SILL DETAIL - COWORK TO CO-WORK OFFICE / ZOOM ROOMS
SCALE: 1 1/2"=1'-0"



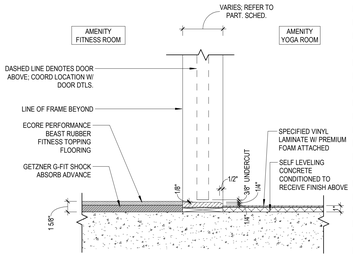
S18 SILL DETAIL - CORRIDOR TO AMENITY CO-WORK W/ ACOUSTICAL UNDERLAYMENT
SCALE: 1 1/2"=1'-0"



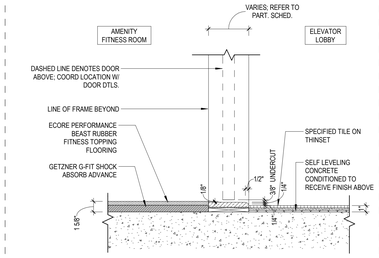
S17 SILL DETAIL - FITNESS FLOORING TO STAIR
SCALE: 1 1/2"=1'-0"



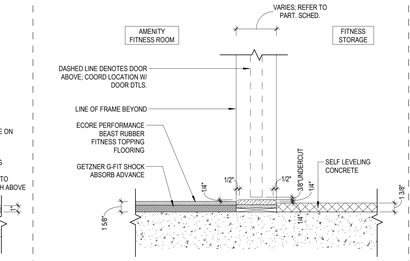
S16 SILL DETAIL - LUXURY VINYL TILE TO STAIR
SCALE: 1 1/2"=1'-0"



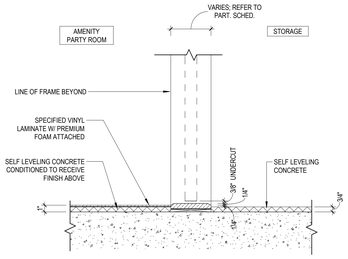
S15 SILL DETAIL - FITNESS FLOORING TO YOGA FLOORING
SCALE: 1 1/2"=1'-0"



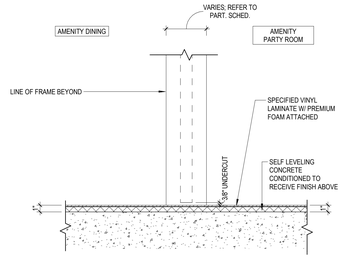
S14 SILL DETAIL - FITNESS FLOORING TO ELEVATOR LOBBY
SCALE: 1 1/2"=1'-0"



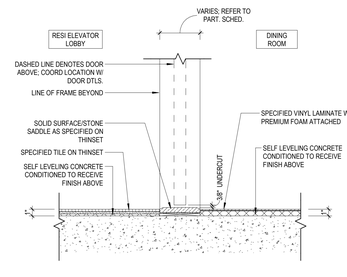
S13 SILL DETAIL - FITNESS FLOORING TO BOH
SCALE: 1 1/2"=1'-0"



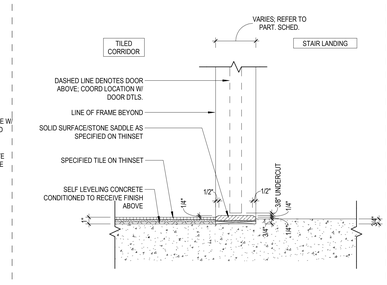
S12 SILL DETAIL - LUXURY VINYL TILE TO BOH
SCALE: 1 1/2"=1'-0"



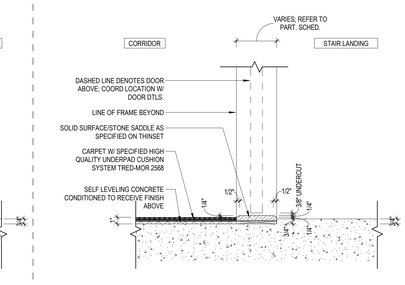
S11 SILL DETAIL - LUXURY VINYL TILE TO LUXURY VINYL TILE
SCALE: 1 1/2"=1'-0"



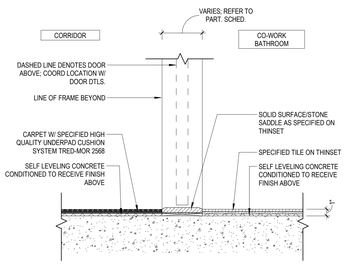
S10 SILL DETAIL - TILE TO AMENITY ROOM
SCALE: 1 1/2"=1'-0"



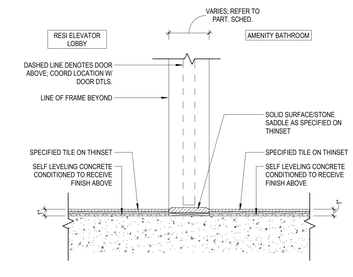
S9 SILL DETAIL - TILE TO STAIR LANDING
SCALE: 1 1/2"=1'-0"



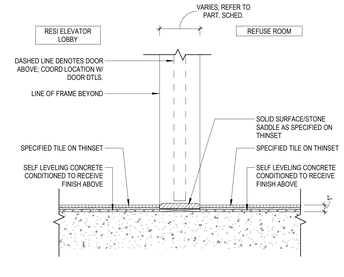
S8 SILL DETAIL - CARPET CORRIDOR TO STAIR LANDING
SCALE: 1 1/2"=1'-0"



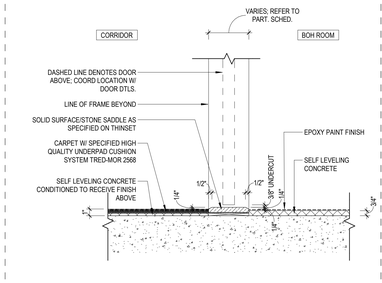
S7 SILL DETAIL - CARPET CORRIDOR TO CO-WORK BATHROOM
SCALE: 1 1/2"=1'-0"



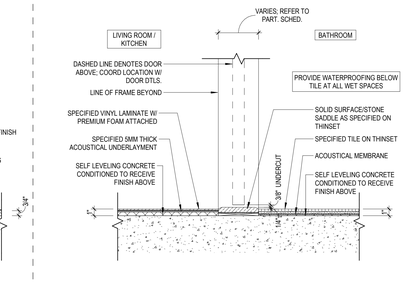
S6 SILL DETAIL - RESI ELEVATOR LOBBY TO AMENITY BATHROOM
SCALE: 1 1/2"=1'-0"



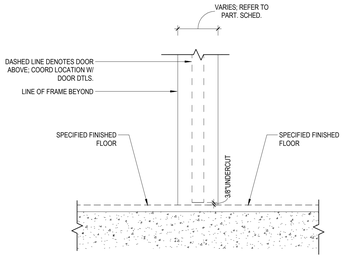
S5 SILL DETAIL - RESI ELEVATOR LOBBY TO REFUSE ROOM
SCALE: 1 1/2"=1'-0"



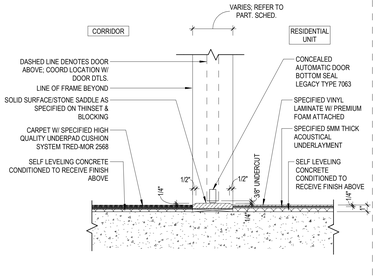
S4 SILL DETAIL - CORRIDOR CARPET TO BOH
SCALE: 1 1/2"=1'-0"



S3 SILL DETAIL - LUXURY VINYL TILE TO PORCELAIN TILE
SCALE: 1 1/2"=1'-0"



S2 SILL DETAIL - FINISHED FLOOR - NO SADDLE
SCALE: 1 1/2"=1'-0"



S1 SILL DETAIL - CORRIDOR TO RESIDENTIAL UNIT ENTRY
SCALE: 1 1/2"=1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE

KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:
350 GRAND CONCOURSE
350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00
DOB NO: X01219259-I1

DRAWING TITLE:
DOOR SILL DETAILS 1

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

A-614.00

DOB SCAN STICKER

SEAL

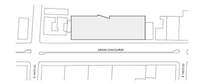
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 6:43:11 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

DOOR SILL DETAILS 2

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

A-615

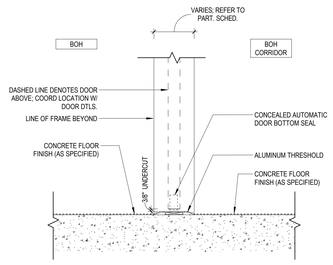
DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

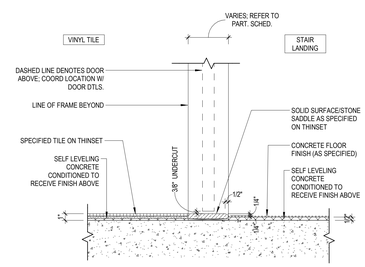
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

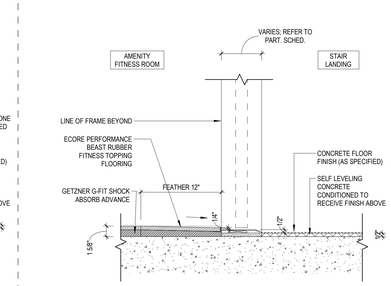


SILL DETAIL -
SCALE: 1 1/2"=1'-0"

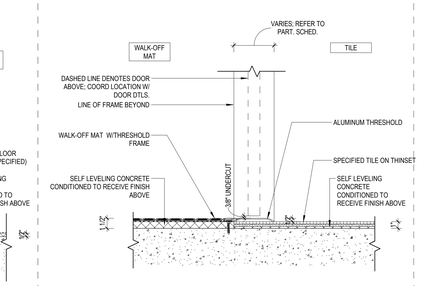
S29 **SILL DETAIL - BOH DOOR**
SCALE: 1 1/2"=1'-0"



S28 **SILL DETAIL - LUXURY VINYL TILE TO STAIR**
SCALE: 1 1/2"=1'-0"



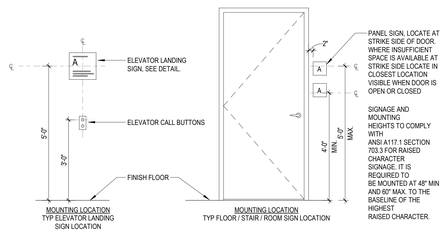
S27 **SILL DETAIL - FITNESS FLOORING TO STAIR**
SCALE: 1 1/2"=1'-0"

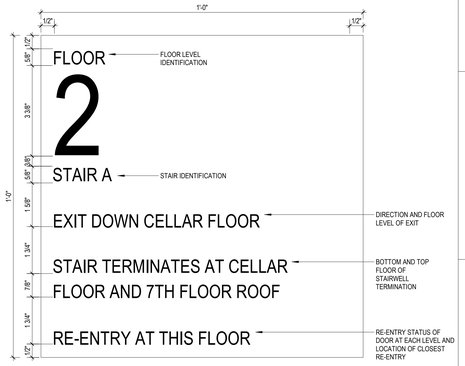


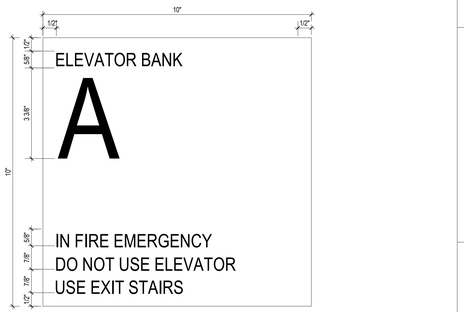
S26 **SILL DETAIL - WALK-OFF MAT TO TILE**
SCALE: 1 1/2"=1'-0"

11/7/2025 6:43:13 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

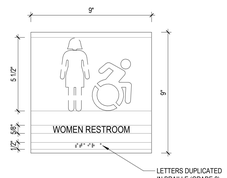
-Refer to plans for locations of stairs, and provide signage for each stair designation
-Refer to plans for room names
-Refer to FDNY drawings for exact FDNY signs
-Graphics and lettering to comply with applicable BC 1026.43 and 2009 ANSI a117.1, including, but not limited to:
-text size, height, color and font
-character spacing
-pictograms and symbols
-All Braille to be Grade 2 and comply with ANSI A117.1
-Text to be raised minimum 1/32" above their background
-Per BC, "Star of Life" to be installed on both sides of jambs of hoistway entrance on all floors at 3500 lb elevators
-Braille/Tactile characters to be located at 60 inches AFF maximum





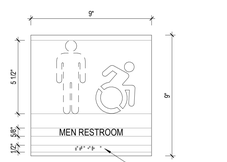


STAIR AND ELEVATOR IDENTIFICATION SIGNS
EACH STAIR AND EACH BANK OF ELEVATORS SHALL BE IDENTIFIED BY AN ALPHABETIC LETTER. A SIGN INDICATING THE LETTER OF IDENTIFICATION FOR THE ELEVATOR BANK SHALL BE POSTED AND MAINTAINED AT EACH ELEVATOR LANDING DIRECTLY ABOVE OR AS PART OF THE SIGN SPECIFIED IN SECTION 28.2-3002.3. THE STAIR IDENTIFICATION SIGN SHALL BE POSTED AND MAINTAINED ON THE OCCUPANCY SIDE OF THE STAIR DOOR. THE LETTER ON THE SIGN SHALL BE AT LEAST THREE INCHES HIGH, OF BOLD TYPE AND OF CONTRASTING COLOR FROM THE BACKGROUND. SUCH SIGNS SHALL BE SECURELY ATTACHED. SIGNAGE TO COMPLY WITH ANSI 703.2. NYCBC E107.3



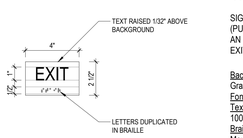
PUBLIC WOMEN ACCESSIBLE BATHROOM SIGN-COMFORT STATION

Background: 1/16" non glare Black acrylic - exterior grade
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: 1/32" matte/clear acrylic back painted PPG Fog 1010-2
Braille: Grade 2 clear raster
Mounting: DF tape & Silicone - centered on door at 60" AFF.



PUBLIC MEN ACCESSIBLE BATHROOM SIGN-COMFORT STATION

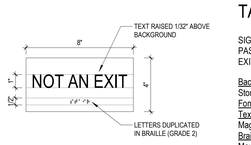
Background: 1/16" non glare Black acrylic - exterior grade
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: 1/32" matte/clear acrylic back painted PPG Fog 1010-2
Braille: Grade 2 clear raster
Mounting: DF tape & Silicone - centered on door at 60" AFF.



TACTILE EXIT SIGN

SIGN TO BE TACTILE: LOCATE ON THE LATCH SIDE (PUSH SIDE), MIN 9" TYP. ADJACENT TO EACH DOOR TO AN EGRESS STAIRWAY, AN EXIT PASSAGEWAY AND EXIT DISCHARGE.

Background: 1/16" non glare clear acrylic back painted PPG Gray Stone 1009-4
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: 1/32" matte/clear acrylic back painted PPG Black Magic 1001-7
Braille: Grade 2 clear raster
Mounting: DF tape & Silicone - bottom at 48" AFF.



TACTILE NOT AN EXIT SIGN

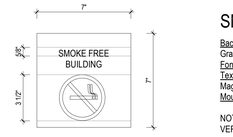
SIGN TO BE TACTILE; LOCATE LATCH SIDE AT ANY DOOR, PASSAGEWAY OR STAIR THAT IS NOT AN EXIT OR WAY TO AN EXIT.

Background: 1/16" non glare clear acrylic back painted PPG Gray Stone 1009-4
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: 1/32" matte/clear acrylic back painted color PPG Black Magic 1001-7
Braille: Grade 2 clear raster
Mounting: DF tape & Silicone - bottom at 48" AFF.

EMERGENCY MEDICAL SERVICE SIGN

Background: As per code
Symbol: As per code
Mounting: As per code

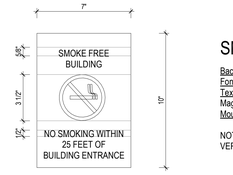
PER BC "STAR OF LIFE" TO BE INSTALLED ON BOTH SIDES OF JAMBS OF HOISTWAY ENTRANCE ON ALL FLOORS



SMOKE FREE INTERIOR

Background: 1/16" non glare clear acrylic back painted PPG Gray Stone 1009-4
Font: Helvetica Neue Lt Std 67 Medium condensed
Text & Pictogram: Second surface direct print PPG Black Magic 1001-7
Mounting: DF tape & Silicone

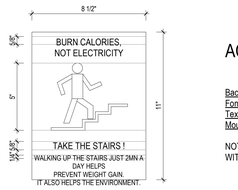
NOTE: FINAL MOUNTING LOCATION & HEIGHT TO BE VERIFIED WITH ARCHITECT



SMOKE FREE EXTERIOR

Background: 1/16" non glare white acrylic - exterior grade
Font: Helvetica Neue Lt Std 67 Medium condensed
Text & Pictogram: Second surface direct print PPG Black Magic 1001-7
Mounting: DF tape & Silicone - suitable for outdoor mount

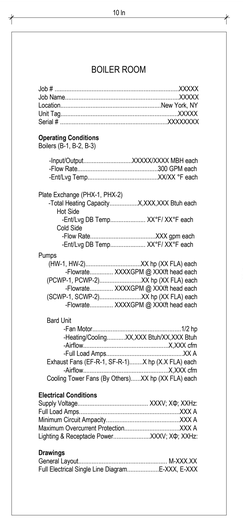
NOTE: FINAL MOUNTING LOCATION & HEIGHT TO BE VERIFIED WITH ARCHITECT



ACTIVE STAIR DESIGN

Background: 1/16" non glare green acrylic
Font: Helvetica Neue Lt Std 67 Medium condensed
Text & Pictogram: Second surface direct print PPG Black Magic 1001-7
Mounting: DF tape & Silicone

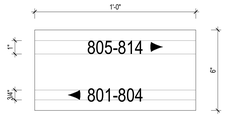
NOTE: FINAL MOUNTING LOCATION & HEIGHT TO BE VERIFIED WITH ARCHITECT



BOILER ROOM SIGN

Background: 1/16" non glare black acrylic
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: Second surface direct print White
Mounting: DF tape & Silicone - top 60" AFF.

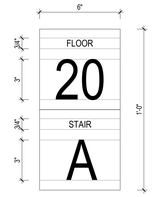
NOTE:
NUMBERS TO BE ADJUSTED ACCORDING TO BOILER
FINAL MOUNTING LOCATION TO BE VERIFIED WITH ARCHITECT



DIRECTIONAL SIGN

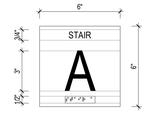
Background: 1/16" non glare clear acrylic back painted PPG Gray Stone 1009-4
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: 1/32" matte/clear acrylic back painted PPG Black Magic 1001-7
Mounting: DF tape & Silicone - top at 60" AFF.

NOTE: FINAL MOUNTING LOCATION TO BE VERIFIED WITH ARCHITECT



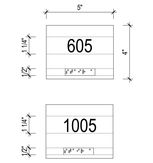
STAIR ID - STAIRWAY FLOOR IDENTIFICATION SIGN to be installed stairway side

Background: 1/16" non glare clear acrylic back painted PPG Gray Stone 1009-4
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: Second surface direct print PPG Black Magic 1001-7
Mounting: DF tape & Silicone - on wall 9" from latch side, center at 60" AFF.



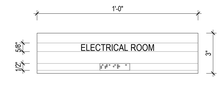
STAIR ID - CORRIDOR IDENTIFICATION SIGN to be installed Corridor side

Background: 1/16" non glare clear acrylic back painted PPG Gray Stone 1009-4
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: 1/32" matte/clear acrylic back painted PPG Black Magic 1001-7
Braille: Grade two clear raster
Mounting: DF tape & Silicone - centered on door, center at 60" AFF.



APARTMENT ID SIGN

Background: 1/16" non glare clear acrylic back painted PPG Brigade 1152-6
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: 1/32" matte/clear acrylic back painted PPG Black Magic 1001-7
Braille: Grade two raster painted to match background
Mounting: DF tape & Silicone - on wall 9" from latch side, center at 60" AFF.



ROOM ID SIGN

Background: 1/16" non glare clear acrylic back painted PPG Gray Stone 1009-4
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: 1/32" matte/clear acrylic back painted PPG Black Magic 1001-7
Braille: Grade two clear raster
Mounting: DF tape & Silicone - 9" from latch side, center at 60" AFF.

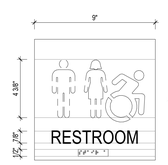
AMENITY ROOM SIGN

Background: Wilsonart Laminate: Maize Walnut Crossgrain Y0597, Horizontal Grain
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: 1/32" matte/clear acrylic back painted PPG Black Magic 1001-7
Braille: Grade two raster painted to match background
Backer: 1/8" acrylic per vendor, with edges painted black with satin clear coat
Mounting: DF tape & Silicone - 9" from latch side, top at 60" AFF.

NOTE: FINAL MOUNTING LOCATION TO BE VERIFIED WITH ARCHITECT

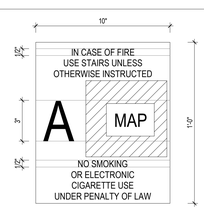
AMENITY PUBLIC UNISEX ACCESSIBLE BATHROOM SIGN

Background: 1/16" non glare clear acrylic back painted PPG 1010-6 Up In Smoke
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: 1/32" matte/clear acrylic back painted PPG Black Magic 1001-7
Braille: Grade two raster painted to match background
Backer: None
Mounting: DF tape & Silicone - centered on door, top at 60" AFF.



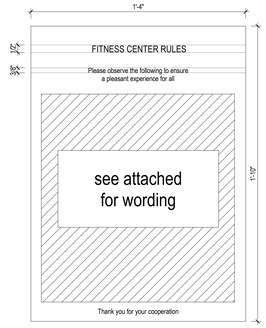
PUBLIC UNISEX ACCESSIBLE BATHROOM SIGN - BOH

Background: 1/16" non glare clear acrylic back painted PPG 1002-1 Silver Feather
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: 1/32" matte/clear acrylic back painted PPG Black Magic 1001-7
Braille: Grade two clear raster
Mounting: DF tape & Silicone - centered on door at 60" AFF.



EVACUATION MAP SIGN

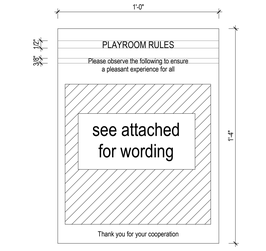
Background: 1/16" non glare clear acrylic back painted PPG 1010-6 Up In Smoke
Font: Helvetica Neue Lt Std 67 Medium condensed
Text/Map: Second surface direct print to match PPG Black Magic 1001-7
Mounting: VHB tape & Silicone - mounted with bottom 2" above top of elevator call button.



RULES SIGN - APPLY TO FITNESS ONLY

Background: 1/16" non glare clear acrylic back painted PPG Up In Smoke 1010-6
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: Second surface direct print to match PPG Black Magic 1001-7
Mounting: DF tape & Silicone - top 60" AFF.

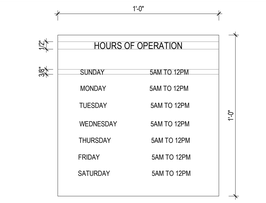
NOTE:
PLEASE SEE ATTACHED WORD DOCUMENT FOR EXACT WORDING
FINAL MOUNTING LOCATION TO BE VERIFIED WITH ARCHITECT



RULES SIGN - APPLY TO KID ROOM, INDOOR AND OUTDOOR AMENITY SPACES

Background: 1/16" non glare clear acrylic back painted PPG Up In Smoke 1010-6
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: Second surface direct print to match PPG Black Magic 1001-7
Mounting: DF tape & Silicone - top 60" AFF.

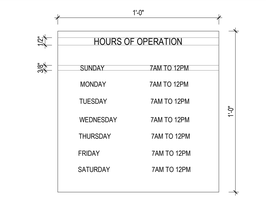
NOTE:
PLEASE SEE ATTACHED WORD DOCUMENT FOR EXACT WORDING
FINAL MOUNTING LOCATION TO BE VERIFIED WITH ARCHITECT



HOURS OF OPERATION SIGN - FITNESS CENTER ONLY

Background: 1/8" non glare clear acrylic back painted PPG Up In Smoke 1010-6
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: Second surface direct print to match PPG Black Mask 1001-7
Mounting: DF tape & Silicone - top 60" AFF.

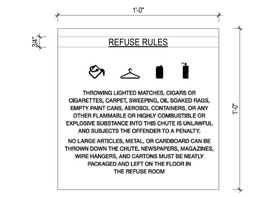
NOTE: FINAL MOUNTING LOCATION TO BE VERIFIED WITH ARCHITECT



HOURS OF OPERATION SIGN APPLY TO KID ROOM, INDOOR AND OUTDOOR AMENITY SPACES

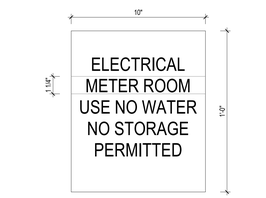
Background: 1/16" non glare clear acrylic back painted PPG Up In Smoke 1010-6
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: Second surface direct print to match PPG Black Magic 1001-7
Mounting: DF tape & Silicone - top 60" AFF.

NOTE: FINAL MOUNTING LOCATION TO BE VERIFIED WITH ARCHITECT



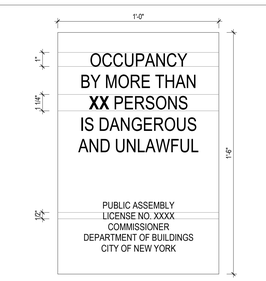
REFUSE RULES

Background: 1/16" non glare clear acrylic back painted white with semi-gloss clear coat
Font & Pictograms: as per NYC standard
Text: Second surface direct print black
Mounting: DF tape & Silicone - centered with bottom 2" above top of chute



FDNY SIGN

Background: 1/16" red white acrylic
Font: as per code
Text: First surface engraved white
Mounting: DF tape & Silicone - top 60" AFF. centered on door to electrical room

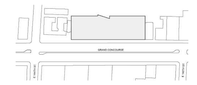


MAX OCCUPANCY SIGN

Background: 1/8" non glare clear acrylic back painted PPG Up In Smoke 1010-6
Font: Helvetica Neue Lt Std 67 Medium condensed
Text: Second surface direct print PMS 200 Red
Mounting: DF tape & Silicone - top 60" AFF.

NOTE: FINAL MOUNTING LOCATION TO BE VERIFIED WITH ARCHITECT

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:
350 GRAND CONCOURSE
350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00
DOB NO: X01219259-I1

DRAWING TITLE:
SIGNAGE DETAILS

SCALE: As indicated PAGE: 68 OF 75

A-620.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

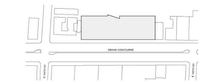
11/7/2025 6:43:15 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

350 Grand Concourse #66520.00 - Interior Finish Schedule (Revit)

350 Grand Concourse, Bronx, NY, United States, 10451

CODE	ITEM	MANUFACTURER/ VENDOR	DESCRIPTION	DIMENSIONS	LOCATION	CONTACTS (MANUFATURER / VENDOR)	NOTES
Carpet							
CP-01	Entrance Grate_Coco Mat	Amarco Products	Natural, Brush-Coir - Vinyl-Backed Coco Mat	Vestibule 5'3" x 12'8" Roll 6'7" x 39'	Entrance Gate	cody@amarcoproducts.com	Roll 6'7" x 39' 5/8" THK Natural, Pile: 100% Recycled Coco Fiber Backing: Solid PVC Vinyl
Carpet Tile							
CT-01	Typ Corridor_Carpet Tile	Shaw Contract, Shaw Contract	Black Walnut 41402	24 inW x 24 inL	Typical Residential Corridor floor	laura.huggins@shawcontract.com, 917.656.4223, laura.huggins@shawcontract.com, 917.656.4223	Shaw Contract Black Walnut 41402
CT-02	Typ Corridor_Carpet Tile	Shaw Contract, Shaw Contract	Lac 41762	24 inW	Typical Residential Corridor floor	laura.huggins@shawcontract.com, 917.656.4223, laura.huggins@shawcontract.com, 917.656.4223	Shaw Contract Lac 41762
CT-03	Typ Corridor_Carpet Tile	Shaw Contract, Shaw Contract	TBD	24 inW x 24 inL	Typical Residential Corridor floor	laura.huggins@shawcontract.com, 917.656.4223, laura.huggins@shawcontract.com, 917.656.4223	
CT-04	Typ Corridor_Carpet Tile	Shaw Contract, Shaw Contract	TBD	24 inW x 24 inL	Typical Residential Corridor floor	laura.huggins@shawcontract.com, 917.656.4223, laura.huggins@shawcontract.com, 917.656.4223	
CT-05	Amenity Music Room_Carpet tile	Ege, Ege	Smile beige RFM55751624	96 cmW x 96 cmL	Music room floor	rele@egecarpets.com, rele@egecarpets.com	Ege Carpets Smile – Beige RFM55751624
Fabric							
FA-01	Amenity Gym Banquette_Fabric	Architex, Architex	Lush	54" (137.16 cm)W	Amenity Fitness Gym Banquette	kelldetty@architex-ijh.com, 317-752-2324, kelldetty@architex-ijh.com, 317-752-2324	Architex, No Finish
FA-02	Amenity Party Room Banquette_Fabric	Maharam, Maharam	Maharam Lariat 440401–046 Reseda	54" (137cm)W	Amenity Private Dining Room Banquette	newyork@maharam.com, +1.212.614.2900, newyork@maharam.com, +1.212.614.2900	Maharam, PFAS-Free Protective Topcoat
FA-03	Amenity Cowork Banquette_Fabric	Brentano, Brentano	Topaz 24, 4250-24 Gem Topaz	54"W	Amenity Cowork Banquette	daniel@a-metro.com, daniel@a-metro.com	Bretano, Water Repellant
FA-04	Amenity Cowork Banquette_Fabric	Kravet, Kravet	Spice, 36652.24.0	57" (144.78 cm)W	Amenity Cowork Banquette	dana.wachtler@kravet.com, (212) 421.6363, dana.wachtler@kravet.com, (212) 421.6363	Kravet, Velvet
FA-05	Amenity Cowork_Fabric	Erica Shamrock Textiles, Erica Shamrock Textiles	Rusty, Vagabond	54"W	Amenity Cowork Banquette	phil@bsdesigncollective.com, 203.554.3564, phil@bsdesigncollective.com, 203.554.3564	Erica Shamrock Textiles, 100% PVC + 75% PES, 25% CO BACKING
Glass							
GL-01	Elevator Cab_Glass	Galaxy Glass, Galaxy Glass	Galaxy Glass & Stone, To Match Designer's Control		Elevator Cab wall	jdyzenhaus@galaxycustom.com, 732.570.3372 , jdyzenhaus@galaxycustom.com, 732.570.3372	Transparent Finish
GL-02	Amenity Gym, Amenity Yoga_Mirror	Galaxy Glass, Galaxy Glass	12061-12	12mm (1/2") thk	Amenity Fitness, Yoga Mirror Wall	jdyzenhaus@galaxycustom.com, 732.570.3372 , jdyzenhaus@galaxycustom.com, 732.570.3372	12061-12
GL-03	Amenity Gym_Frosted Glass Door	Galaxy Glass, Galaxy Glass	12100-12		Amenity Fitness Door	jdyzenhaus@galaxycustom.com, 732.570.3372 , jdyzenhaus@galaxycustom.com, 732.570.3372	12100-12
GL-04	Amenity Cowork_Vision Glass Door	Galaxy Glass, Galaxy Glass	11316-2		Amenity Cowork Door	jdyzenhaus@galaxycustom.com, 732.570.3372 , jdyzenhaus@galaxycustom.com, 732.570.3372	
GL-05	Bathroom_Mirror	Galaxy Glass, Galaxy Glass	12061-6	6mm (1/4") thk	Amenity Bathroom, Unit Bathroom	jdyzenhaus@galaxycustom.com, 732.570.3372 , jdyzenhaus@galaxycustom.com, 732.570.3372	12061-6
Hardware							
HD-01	Lobby, Party Room, Fitness_Edge Pull	Richelieu	Black, BP9595128990	5 1/32 in"L 2 1/16 in"W 3/32 in"THK	Lobby, Party Room, Fitness	80061954 46	Modern Aluminum Edge Pull - 9595, Brushed Black
HD-02	Window Shade Hardware at Res Units	Mecho	White, Mecho®/5x		Res Unit	marketingcommunications@mechoshade.com, 716-729-2020	
HD-03	Drapery Hardware	Kirsch	White, ARCHITRAC® SERIES...				
Metal							
MT-01	Elevator Cab_Metal	Forms+Surfaces, Forms+Surfaces	Bonded Aluminum	3.3mm	Elevator Cab Wall	mike.kelly@forms-surfaces.com, 973.699.0834, mike.kelly@forms-surfaces.com, 973.699.0834	Bonded Aluminum Austin Dark
MT-02	Portal Elev Vestibule, Elev Cab_Black Metal	GAGE	Black, GM438 Long Grain Satin with Black PVD		Elevator Cab Portal, Elevator Cab	sonyamix@gagecorp.net, 608-519-3920	Satin black coated stainless steel
MT-03	Metal Edge_Tile	Schluter Systems, Schluter Systems	nickel anodized, J100ATGB	10 mm (3/8")	Residential Bathroom	888-472-4588, 888-472-4588	brushed
Millwork							
WD-01	Amenity Party Room Area Panel Wall Amenity Dining Room, Yoga Room_Millwork	ALPlignum, Brookside Veneers	Chocolate, AW.11F	1.0mmD, 4'x8'	Amenity Party Room TV Room Area Panel Wall Amenity Private Dining Room Millwork.	rachel @brooksideveneers.com, (609) 409-1311, info@alpi.us, +1 609 409 1311	Wax
Paint							
PT-01	Lobby Door_Paint	Benjamin Moore, Benjamin Moore	Tawny Port 1281, Ultra Spec (500) Semi Gloss (546)		Lobby Door	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Semi gloss
PT-02	Ground Floor Elevator Lobby Ceiling_Paint	Benjamin Moore, Benjamin Moore	Tawny Port 1281, Ultra Spec (500) Flat (535)		Lobby Ceiling	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Flat
PT-03	Amenity Party Room Door_Paint	Benjamin Moore, Benjamin Moore	Regent Green 2136-20, Ultra Spec (500) Semi-Gloss (546)		Party Room Door, Door edge	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Semi Gloss
PT-04	Ground Floor Elevator Lobby Ceiling_Paint	Benjamin Moore, Benjamin Moore	Urban Nature AF-440, Ultra Spec (500) Flat (535)		TYP Corridor Wall	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Flat
PT-05	Residential Corridor Wall_Paint	Benjamin Moore, Benjamin Moore	Scenic Drive CC-758, Ultra Spec (500) Eggshell (538)		TYP Corridor Wall	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Eggshell
PT-06	Residential Corridor Wall_Paint	Benjamin Moore, Benjamin Moore	Sioux Falls 705, Ultra Spec (500) Eggshell (538)		TYP Corridor Wall	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Eggshell
PT-07	Residential Corridor Wall_Paint	Benjamin Moore, Benjamin Moore	Garden Oasis 699, Ultra Spec (500) Eggshell (538)		TYP Corridor Wall	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Eggshell
PT-08	Ceiling Paint at Mailroom, Amenity, Corridor, Res Unit, BOH	Benjamin Moore, Benjamin Moore	Cloud Cover OC-25, Ultra Spec (500) Flat (535)		Mailroom, Party room, Co-work, Corridor, TYP Unit Ceiling, BOH	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Flat
PT-09	Door, Casement,Trim, Residential Corridor Portal_Paint	Benjamin Moore, Benjamin Moore	Cheating Heart 1617, Advance Waterborne interior / Exterior ALKYD		Door, Casement, Trim, Portal	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	High Gloss N794
PT-10	2nd Floor Corridor Wall_Paint	Benjamin Moore, Benjamin Moore	Old Montreal CC-398, Ultra Spec (500) Eggshell (538)		2nd Floor Corridor Wall	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Eggshell
PT-11	Amenity, Residential Wall_Paint	Benjamin Moore, Benjamin Moore	Cloud Cover OC-25, Ultra Spec (500) Eggshell (538)		Amenity, Residential Wall	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Eggshell
PT-12	Amenity Yoga Room Wall_Paint	Benjamin Moore, Benjamin Moore	Old Montreal CC-398, Ultra Spec (500) Eggshell (538)		Yoga Room Wall	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Eggshell
PT-13	Wall and Ceiling paint at Pet Spa, Laundry Room, BOH WC	Benjamin Moore, Benjamin Moore	Cloud Cover OC-25, Ultra Spec (500) Semi-Gloss (546)		Pet Spa, Laundry Room, BOH Wall and Ceiling	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Semi-Gloss (546)
PT-14	BOH, Cellar Corridor-Epoxy Paint	Benjamin Moore, Benjamin Moore	Battleship Gray (75), HP4000 Polyamide Epoxy		BOH	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	HP4000 Polyamide Epoxy, 90 Gloss
PT-15	BOH Wall_Paint	Benjamin Moore, Benjamin Moore	Cloud Cover OC-25, Ultra Spec (500) Eggshell (538)		Amenity, Residential Wall	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Eggshell, Eggshell
PT-16	Corridor Wall Wainscot_Paint	Benjamin Moore, Benjamin Moore	Gray Huskie 1473, Ultra Spec (500) Eggshell (538)		Amenity, Residential Wall	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Eggshell
PT-17	TYP Residential Unit Interior Door and Paint	Benjamin Moore, Benjamin Moore	Cloud Cover OC-25, Ultra Spec (500) Semi Gloss (546)		TYP Residential Unit Door and Trim	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Semi Gloss
PT-18	TYP Residential Unit Apartment Entry Door and Trim_Paint	Benjamin Moore, Benjamin Moore	Cheating Heart 1617, Ultra Spec (500) Semi Gloss (546)		TYP Residential Unit Door and Trim at Corridor Side	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Semi Gloss
PT-19	Doors and Trim at Utility Closet and Exit Doors at Residential Corridor_Paint	Benjamin Moore, Benjamin Moore	Urban Nature AF-440, Ultra Spec (500) Semi-Gloss (546)		Utility Closet, Exit Doors at Residential Corridor	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Semi Gloss
PT-20	Doors and Trim at Utility Closet and Exit Doors at Residential Corridor_Paint	Benjamin Moore, Benjamin Moore	Scenic Drive CC-758, Ultra Spec (500) Semi-Gloss (546)		Utility Closet, Exit Doors at Residential Corridor	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Semi Gloss
PT-21	Doors and Trim at Utility Closet and Residential Corridor	Benjamin Moore, Benjamin Moore	Sioux Falls 705, Ultra Spec (500) Semi-Gloss (546)		Utility Closet, Exit Doors at Res Corridor	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Semi Gloss
PT-22	Doors and Trim at Utility Closet, Exit Doors and Trim at Residential Corridor	Benjamin Moore, Benjamin Moore	Garden Oasis 699, Ultra Spec (500) Semi-Gloss (546)		Utility Closet, Residential Corridor	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Semi Gloss
PT-23	Doors and Trim at Residential Stair, MEP Closet, Refuse Room at Residential Elevator Vestibule	Benjamin Moore, Benjamin Moore	Old Montreal CC-398, Ultra Spec (500) Semi-Gloss (546)		Res Stair, MEP Closet, Refuse Rm at Res Elevator Vestibule	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Semi Gloss
PT-24	BOH Door and Trim_Paint	Benjamin Moore, Benjamin Moore	Cloud Cover OC-25, Ultra Spec (500) Semi Gloss (546)		BOH Door and Trim	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Semi Gloss
PT-25	Door and Trim Paint At Mailroom and Fitness	Benjamin Moore, Benjamin Moore	Ocean Floor 1630, Ultra Spec (500) Semi Gloss (546)		Mailroom, Fitness door and trim	RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239, RODGER.LIPPMAN@BENJAMINMOORE.COM, 848.702.0239	Semi Gloss
Plastic Laminate							
P-01	Party room_Laminate	Kronospan, Kronospan	K520 Dark Emerald, K520 Dark Emerald SU HPL	1320mmW x 0.8mmD, 3050X1320mm	Amenity Party Room Entry Bar Area Millwork, Amenity Party Room Kitchen Area Millwork.	S.MANN@KRONOSPANUSA.COM, S.MANN@KRONOSPANUSA.COM	Acrylic Matte
P-02	Gym_Laminate	Kronospan, Kronospan	Alby Blue, 5994 Alby Blue SU HPL	1320mmW x 0.8mmD, 3050x1320mm	Amenity Fitness Gym Entry Millwork.	S.MANN@KRONOSPANUSA.COM, S.MANN@KRONOSPANUSA.COM	Acrylic Matte
P-03	Laminate at Res Kitchen and BOH	Kronospan, Kronospan	Cobalt Grey 6299 AM, 6299 Cobalt Grey	18.3mmD, 2800X1300mm	Residential Kitchen Unit Millwork	S.MANN@KRONOSPANUSA.COM, S.MANN@KRONOSPANUSA.COM	Acrylic Matte
P-04	Bathroom_Wood Laminate	POLILAM, POLILAM	Creme Pecan, W30018 RW	4'x8', 4'x10', .028in	Amenity Bathroom Vanity	sales@polilam.com, sales@polilam.com	RW (Real Wood)
P-05	Lobby Elev Vestibule Waste Bin_Laminate	Kronospan	NCS S 7500-N; RAL 7022; Pantone 447 C, 0166 Basalt		Lobby Elev Vestibule Waste Bin	S.MANN@KRONOSPANUSA.COM	BS Bureau Structure UM Ultra Matt AF Authentic Fine
Solid Surface							
SS-01	Residential Kitchen_Solid Surface	MSI		2cm, 3cm	Residential Kitchen - countertop & backsplash	(732) 650-1815	Premium Natural Quartz Fossil Gray QSL-FOSGRY-3CM, Polished
SS-02	Amenity Gym, Amenity Party Room_Solid Surface	MSI	Premium Natural Quartz Carrara Marmi QSL-CARMARMI-3CM	3CM	Amenity Fitness Gym Water Bottle Filler Countertop Area	(732) 650-1815	Carrara Marmi™, Polished
SS-03	Amenity Dining Room_Dark Countertop	Wilsonart		3cm	Amenity Dining Room	ALISON.BREGSTEIN@WILSONART.COM	Nova Serrana 063 Natural Matte 3cm, Nova Serrana Natural Matte
ST-01	Lobby Desk Side_Marble Stone Surface	Stone Source	Elegant Brown	2cm	Lobby Reception Desk Side Area	LCASTELLUCCI@STONESOURCE.COM, 212 979 6400	Elegant Brown, Polised, 2cm, Polished
ST-02	Lobby desk Top_Black Stone Surface	Venture Stone & Tile, Venture Stone & Tile		1-1/4"	Lobby Reception Desk Top Area	info@venturestoneandtile.com, (908) 810-7377, info@venturestoneandtile.com, (908) 810-7377	Black Absolute, Honed
ST-03	Mail room_Stone Surface	Stone Source	BOHEMIAN GREY, BOHEMIAN GREY	1-1/4"	Mailroom Countertop	LCASTELLUCCI@STONESOURCE.COM, 212 979 6400	Honed
Special Finish							
SF-01A	Music Room_Light Grey Wall	Filzfelt, Filzfelt	150 WeiB, GAP	Type A 5'-0" x 1'-0" (152.4 x 30.5 cm)	Amenity Music Room	srappos@filzfelt.com, 646.413.2163, srappos@filzfelt.com, 646.413.2163	100% Wool Design Felt + Akustika 10 Substrate
SF-01B	Music Room_Purple Wall	Filzfelt, Filzfelt	437 Aubergine, GAP	Type A 5'-0" x 1'-0" (152.4 x 30.5 cm)	Amenity Music Room	srappos@filzfelt.com, 646.413.2163, srappos@filzfelt.com, 646.413.2163	100% Wool Design Felt + Akustika 10 Substrate
SF-02A	Music Room_Light Grey Wall	Filzfelt, Filzfelt	150 WeiB, GAP	Type B 5'-0" x 1'-0" (152.4 x 30.5 cm)	Amenity Music Room	srappos@filzfelt.com, 646.413.2163, srappos@filzfelt.com, 646.413.2163	100% Wool Design Felt + Akustika 10 Substrate
SF-02B	Music Room_Purple Wall	Filzfelt, Filzfelt	437 Aubergine, GAP	Type B 5'-0" x 1'-0" (152.4 x 30.5 cm)	Amenity Music Room	srappos@filzfelt.com, 646.413.2163, srappos@filzfelt.com, 646.413.2163	100% Wool Design Felt + Akustika 10 Substrate
SF-03A	Music Room_Purple Wall	Filzfelt, Filzfelt	437 Aubergine, GAP	Type C 5'-0" x 1'-0" (152.4 x 30.5 cm)	Amenity Music Room	srappos@filzfelt.com, 646.413.2163, srappos@filzfelt.com, 646.413.2163	100% Wool Design Felt + Akustika 10 Substrate
SF-03B	Music Room_Light Grey Wall	Filzfelt, Filzfelt	150 WeiB, GAP	Type C 5'-0" x 1'-0" (152.4 x 30.5 cm)	Amenity Music Room	srappos@filzfelt.com, 646.413.2163, srappos@filzfelt.com, 646.413.2163	100% Wool Design Felt + Akustika 10 Substrate
SF-04A	Music Room_Purple Wall	Filzfelt, Filzfelt	437 Aubergine, GAP	Type D 5'-0" x 1'-0" (152.4 x 30.5 cm)	Amenity Music Room	srappos@filzfelt.com, 646.413.2163, srappos@filzfelt.com, 646.413.2163	100% Wool Design Felt + Akustika 10 Substrate
SF-04B	Music Room_Light Grey Wall	Filzfelt, Filzfelt	150 WeiB, GAP	Type D 5'-0" x 1'-0" (152.4 x 30.5 cm)	Amenity Music Room	srappos@filzfelt.com, 646.413.2163, srappos@filzfelt.com, 646.413.2163	100% Wool Design Felt + Akustika 10 Substrate
Tile							

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212 457 4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

INTERIOR MATERIAL SCHEDULES

SCALE: PAGE:99 OF 141

A-635.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

TL-01	Lobby Entry, Typ Elevator Vestibule_Floor	Casalgrande Padana, ProSpec	Grigio, Spazio Grigio	30L"x30W", 9mm	Lobby Entry, Elevator Vestibules	knordlum@prospeclic.com, 888.773.2845 ext.314, knordlum@prospeclic.com	Casalgrande Padana Concrete Floor Tile Spazio Grigio, Matte R10
TL-02	Amenity Elevator Vestibule, Typ Elevator Vestibule, Pet Spa, Cellar Corridor_Wall Base	Casalgrande Padana, ProSpec	Pisani, Le Ville Pisani	48"W x 48"L	Lobby, Typical Elevator Vestibules	knordlum@prospeclic.com, 888.773.2845 ext.314, knordlum@prospeclic.com	Casalgrande Padana Le Ville Pisani cut to 8" height per elevation, Matte
TL-03	Lobby, Elevator Vestibule, Mail Room, Elevator Cab, Pet Spa, Package Room_Floor	Casalgrande Padana, ProSpec	Pisani, Le Ville Pisani	48"W x 48"H, 9mm	Lobby, Typical Elevator Vestibules	knordlum@prospeclic.com, 888.773.2845 ext.314, knordlum@prospeclic.com	Casalgrande Padana Le Ville Pisani, Matte
TL-04	Amenity Bathroom_Floor	DesignShop, Tilebar	Charcoal Black, Era Charcoal Black	12"L x 24"W, 9 mm	Amenity Bathroom	clientservices@tilebar.com, 2122561540	TileBar Era Porcelain Tile Charcoal Black, Matte
TL-05	Residential Bathroom_Floor	Stone Source, Stone Source	Smoke, Studio Elements Solid Smoke	24"L x 12"W, 9mm	Residential Bathroom Floor	LCASTELLUCCI@STONESOURCE.COM, 212 979 6400	Stone Source Studio Elements Solid Smoke, Matte
TL-06	Residential Bathroom_Wall	Nemo Tile, Nemo Tile	Beige, SKU: GRAPH76	10"L x 10"W, 10mm	Residential Bathroom Wall	EKAHEN@NEMOTILE.COM, EKAHEN@NEMOTILE.COM	Nemo Tile Graph GP013 Neutral Matte SKU:GRAPH76, Matte
TL-07	Lobby_Floor	Venture Stone & Tile, Venture Stone & Tile	Black, Black Absolute	6"x30", 0.31"	Lobby Floor	info@venturestoneandtile.com, (908) 810-7377, info@venturestoneandtile.com, (908) 810-7377	Venture Stone and Tile Black Absolute Honed, Honed
TL-08	Amenity Fitness Gym Entry Water Bottle Filler Area_Backsplash	Stone Source, Stone Source	Bianco Plain, Stone Source bianco plain	2" W x 8"L, 8mm	Amenity Fitness Gym Entry Water Bottle Filler Area Backsplash	LCASTELLUCCI@STONESOURCE.COM, 212 979 6400	Stone Source bianco plain Matte, Matte
TL-09	Pet Spa_Wall	Daltile, Daltile	0169 Waterfall Square Glossy, Color wheel classic	4"L x 4"W, 7.9mm	Amenity Pet Spa Wall	(212) 471-0256, (212) 471-0256	Daltile Color Wheel Classic 0169 Waterfall Square Glossy, Glossy
TL-10	Pet Spa_Wall	Nemo Tile, Nemo Tile	Bone Matte, SKU: METRO40436	4"L x4" W, 0.3125mm	Amenity Pet Spa Wall	EKAHEN@NEMOTILE.COM, EKAHEN@NEMOTILE.COM	Nemo Tile Metro Matte, Matte
TL-11	Pet Spa_Wall	Daltile, Daltile	1469 Galaxy, Color Wheel Classic	4"L x 4" W Square, 7.9mm	Amenity Pet Spa Wall	(212) 471-0256, (212) 471-0256	Daltile Color Wheel Classic 1469 Galaxy Square Glossy, Glossy
TL-12	Amenity Bathroom_Wall Tile	Inax Tile, Inax Tile	Yukasumi_Black, IM-1525PT/KSM-1~KSM-4	297x297mm, 8mm	Amenity Bathroom	212 477 9330, 212 477 9330	Inax Yukasumi Glazed, Glazed
TL-13	Residential Bathroom_Wall Base	Stone Source, Stone Source	Smoke, Studio Elements Solid Smoke	6"L x 24"W, 9mm	Residential Bathroom Floor	LCASTELLUCCI@STONESOURCE.COM, 212 979 6400	Stone Source Studio Elements Solid Smoke, Matte
TL-14	Lobby, Ground & 2nd Floor Elev Vestibule, Mailroom, Elev Cab, Amenity Restroom_Wall Base	Casalgrande Padana, ProSpec	Black, Bullnose	4" x 24", 4" x 36" (nominal), Matte	Lobby Wallbase Ground Floor Elevator Vestibule Wallbase Mailroom Wallbase	knordlum@prospeclic.com, 888.773.2845 ext.314, knordlum@prospeclic.com	ProSpec Architecture Bullnose, Matte
TL-15	BOH, Laundry Room_FLOOR	Casalgrande Padana, ProSpec	Raggio Di Luna, Raggio Di Luna	12"L x24"W, 9.4 mm	BOH, Laundry Room Floor	knordlum@prospeclic.com, 888.773.2845 ext.314, knordlum@prospeclic.com	ProSpec Marte Matte, Matte
TL-16	BOH_Cove Wall Base	Casalgrande Padana, ProSpec	Raggio Di Luna, Raggio Di Luna	5-7/8"H x 11-3/4"L, 9.4 mm	BOH Wall Base	knordlum@prospeclic.com, 888.773.2845 ext.314, knordlum@prospeclic.com	ProSpec Marte Matte, Matte
Vinyl Flooring							
VF-01	Amenity Fitness Gym_Floor	ElitegarageFloors, ElitegarageFloors	Warm Grey, ECA-LMNT-000321-E5507	14.5mm thk rolls and tiles	Amenity Fitness Gym	361-906-0863, 361-906-0863	14.5mm thk, rubber cork
VF-02	Amenity Yoga Room_Floor	Gerflor	Charme Kraft, 0721	2m roll	Amenity Yoga Room Floor	(877) 437-3567	Gerflor Taralay Impression Comfort/Compact 1093 Charme Kraft, Protecsol82
VF-03	Floor at Typ Res Unit, Amenity, BOH Staff	HF DESIGN LLC, HF DESIGN LLC	Carnegie, AquaSense Generation II	6.5mm (20mil) x 7" x 60"	Amenity Party Room Amenity Private Dining Room Coworking Space Unit Floor	DAVIDS@HFDESIGNLLC.COM, (646) 703-0404, DAVIDS@HFDESIGNLLC.COM, (646) 703-0404	AquaSense Generation II Carnegie 6.5mm (20mil) x 7" x 60", Ceramic Bead
Wall Base							
WB-01	Amenities, Typ Corridor_MDF Paint Wall Base	Per GC	Paint Grade	4"H, 3/4"	Amenity Party Room, Typ Corridor		Benjamin Moore Chealing Heart 1617 Ultra Spec(500) Semi Gloss (545)
WB-02	Vinyl Base at Fitness, Yoga, Laundry, BOH	Johnsonite, TARKETT	40 Black, 4" MW-40-S4	.25"	Amenity Fitness Base Amenity Yoga Base	1.800.899.8916	Johnsonite Monument
WB-03	Amenity Cowork_Vinyl Base	Johnsonite, TARKETT	150 Wetlands, 4" MW-150-S4	.25"	Amenity Cowork Base	1.800.899.8916	Johnsonite Monument
WB-04	Amenity Music_Vinyl Base	Johnsonite, TARKETT	TB1 Peppercorn, 4" MW-TB1-S4	.25"	Amenity Music Base	1.800.899.8916	Johnsonite Monument
WB-05	Residential Unit_MDF Paint Wall Base	Per GC	Paint Grade	4"H, 3/4"	Residential Unit Wall Base		Benjamin Moore Cloud Cover - OC-25 Ultra Spec(500) Semi Gloss (545)
Wallcovering							
WC-01	Lobby, Ground Elevator Vestibule_Wallcovering	WolfGordon, WolfGordon	Spinnaker/Rose, SNK3113	52"/20 oz per linear yard	Ground Floor Elevator Vestibule	Michelle.Dooley@wolfgordon.com, 800 347 0550, Michelle.Dooley@wolfgordon.com, 800 347 0550	WolfGordon Vinyl Wallpaper Spinnaker/Rose SNK3113 GOH 34584474, 100%Vinyl
WC-02	Mail Room_Wallcovering	Aesthetics Wallcoverings (Elitis) , Aesthetics Wallcoverings (Elitis)	Black Pearl, CLV-62	51"-52" untrimmed	Mail Room	lidia@elitis.us, 917 472 7482, lidia@elitis.us, 917 472 7482	Aesthetics Luxury Performance Vinyl Clive CLV-62 Black Pearl, Fabric Backed Vinyl
WC-03	Amenity Elevator Vestibule, Typical Elevator Vestibule_Wallcovering	Maharam, Maharam	011 Negroni, 300068	55" Width	Amenity Elevator Vestibule, Typical Elevator Vestibule	newyork@maharam.com, +1.212.614.2900, newyork@maharam.com, +1.212.614.2900	Maharam Tek-Wall Ulster, PFAS-Free Water Repellent
WC-04	Amenity Party Room Entry, Amenity Party Room, Amenity Dining Room_Wallcovering	Carlisle & Co., HOLLY HUNT	Forest, LX1451	54" Untrimmed, 52" Trimmed	Amenity Party Room Entry, Amenity Party Room TV Room, Amenity Private Dining Room	212-891-2500	Paramount Vinyl Wallpaper LX1451 Forest, Vinyl
WC-05	Amenity Pantry Room_Wallcovering	Phillip Jeffries, Phillip Jeffries	Greystone Woven, 7034: Vinyl Luxe Leathers	54in W 2in Repeat	Amenity Pantry Room	MRIVERA@PHILLIPJEFFRIES.COM, 973-797-1072, MRIVERA@PHILLI, 973.797.1072	Phillip Jeffries 7034: Vinyl Luxe Leathers Greystone Woven, Vinyl
WC-06	Amenity Dining Room_Wallcovering	Phillip Jeffries, Phillip Jeffries	Marcasite, 3827 : Silky Strings	36" in Pre-Trimmed Bolt size 12 Yards	Amenity Private Dining Room	MRIVERA@PHILLIPJEFFRIES.COM. 973-797-1072, MRIVERA@PHILLIPJEFFRIES.COM, 973-797-1072	Phillip Jeffries 3827 : Silky Strings Marcasite, Laminated
WC-07	Amenity Fitness Gym_Wallcovering	WolfGordon, WolfGordon	Lapis, SIRR 5230	52" Width	Amenity Fitness Gym	Michelle.Dooley@wolfgordon.com, 800 347 0550, Michelle.Dooley@wolfgordon.com, 800 347 0550	Wolf Gordon Wallcovering Serra/Lapis SRR 5230 GOH 33968145, Vinyl
WC-08	Amenity Fitness Gym_Wallcovering	Knoll Textiles, Maharam	006 Ficus, WC23396	50" Width	Amenity Fitness Gym	newyork@maharam.com, +1.212.614.2900, (212) 343-4190	Knoll Textiles Bespoke Wall 300142-006 Ficus WC23396, PFAS-Free Protective Topcoat
WC-09	Amenity Fitness Yoga Studio_Wallcovering	Aesthetics Wallcoverings (Elitis) , Aesthetics Wallcoverings (Elitis)	51 Wild Mulberry, THY-51 Wild Mulberry	51"-52" untrimmed	Amenity Fitness Yoga Studio	lidia@elitis.us, 917 472 7482, lidia@elitis.us, 917 472 7482	Aesthetics Wallcoverings Thayer SKU : THY-51 WILD MULBERRY, Fabric Backed Vinyl
WC-10	Cowork_Wallcovering	Maharam, Maharam	003 Foiled, 399996	54" Width	Cowork Wall	newyork@maharam.com, +1.212.614.2900, newyork@maharam.com, +1.212.614.2900	Maharam Perch 399996 - 003 Foiled, PFAS-Free Protective Topcoat
WC-11	Cowork_Wallcovering	Koroseal , Koroseal	Linen, Monroe Linen MON1-06	52-54" Width	Cowork Wall	(212) 751-1595, (212) 751-1595	Koroseal Monroe MON1-06 Linen, Vinyl with a Protective Coating
WC-13	Co Work Studio Wallcovering	Capri Collections	ART MWT101	12 x 24"		717-627-5701	
WC-14	Lobby Entry_Wallcovering	CALICO, CALICO	Vanish, Colorwash 4617	51" x 192"	Lobby Entry Wall	Sonia Lancaric <sonia@calicowallpaper.com>, 1 718 243 1705, Sonia Lancaric <sonia@calicowallpaper.com>, 1 718 243 1705	Calico Wallpaper Colorwash - Vanish 4617, Polyester/Natural Fiber Face
Window Treatment							
WT-01	Res Unit Studio & One Bedroom_Blackout Shade	Mecho	Shale, 0254		Res Unit Studio & One Bedroom	marketingcommunications@mechoshade.com, 718-729-2020	Mecho Shade 0250 Series - Graphite Backing
WT-02	Residential Units, Amenity_Solar Shade	Texstyle, Rollease	White/ Gray , 3000 NET White/ Gray Privacy		Res Units	+1 800 552-5100	Privacy

ROOM SCHEDULE - BOH FINISH SCHEDULE

#	ROOM NAME	FLOOR	BASE	WALL	CEILING	REMARKS
CELLAR						
17	PE1 - FSAE					
1097	COMPACTOR	PT-14	WB-02	PT-15	PT-08	
1130	ATS	PT-14	WB-02	PT-15	PT-08	
1131	ARCS	PT-14	WB-02	PT-15	PT-08	
1239	ELEC. ROOM	PT-14	WB-02	PT-15	PT-08	
1250	JAN CL	PT-14	WB-02	PT-15	PT-08	
1256	ATTENDANTOFFICE	PT-14	WB-02	PT-15	PT-08	
1273	STAFF LOUNGE	VF-03	WB-02	PT-15	PT-08	
1274	LOCKER ROOM	VF-03	WB-02	PT-15	PT-08	
1275	WC / SHOWER	TL-15	TL-15	PT-13/TL-15	PT-13	
1281	OFFICE 2	VF-03	WB-02	PT-15	PT-08	
1282	OFFICE 1	VF-03	WB-02	PT-15	PT-08	
1292	GAS ROOM	PT-14	WB-02	PT-15	PT-08	
1294	WATER AND FIRE PUMP ROOM	PT-14	WB-02	PT-15	PT-08	
1296	BIKE ROOM	PT-14	WB-02	PT-15	PT-08	
1297	JAN CL	PT-14	WB-02	PT-15	PT-13	
1473	ORGANICS	PT-14	WB-02	PT-15	PT-08	
3548	BUILDING STORAGE	PT-14	WB-02	PT-15	PT-08	
3987	STAIR B	PT-14	WB-02	PT-15	PT-08	
4065	STAIR C	PT-14	WB-02	PT-15	PT-08	
4115	MDF RM/ TELECOM	PT-14	WB-02	PT-15	PT-08	
4126	STAIR D	PT-14	WB-02	PT-15	PT-08	
1ST FLOOR						
1086	BOH CORRIDOR	PT-14	WB-02	PT-15	PT-08	
4071	STAIR C	PT-14	WB-02	PT-15	PT-08	
4072	STAIR B	PT-14	WB-02	PT-15	PT-08	
4073	STAIR A	PT-14	WB-02	PT-15	PT-08	
4135	PACKAGE RM	TL-03	TL-02	PT-13	PT-08	
2ND FLOOR						
1142	LV CLOSET	VF-03	WB-02	PT-13	PT-08	
4075	STAIR C	PT-14	WB-02	PT-15	PT-08	
4077	STAIR B	PT-14	WB-02	PT-15	PT-08	
4154	OWNER'S LAND ROOM	PT-14	WB-02	PT-15	PT-08	
ROOF						
4102	REFUSE RM	TL-03	TL-16	PT-13	PT-13	
4103	ELEC ROOM	PT-14	WB-02	PT-15	PT-08	
4104	ATS ROOM	PT-14	WB-02	PT-15	PT-08	

350 Grand Concourse #66520.00 - Resi Finish Schedule

350 Grand Concourse, Bronx, NY, United States,
10451

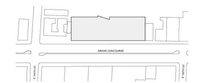
NUMBER	ROOM NAME	FLOOR	BASE	WALL	CEILING	REMARKS
RESI UNIT						
	BATH	TL-05	TL-13	TL-06	PT-08	
	BD #1	VF-03	WB-05	PT-11	PT-08	
	BD #2	VF-03	WB-05	PT-11	PT-08	
	CL	VF-03	WB-05	PT-11	PT-08	
	FOYER	VF-03	WB-05	PT-11	PT-08	
	K'ETTE	VF-03	WB-05	PT-11	PT-08	
	LIN. CL	VF-03	WB-05	PT-11	PT-08	
	LR	VF-03	WB-05	PT-11	PT-08	
	W/D	PT-14	WB-05	PT-11	PT-08	
	WIC	VF-03	WB-05	PT-11	PT-08	
RESI COMMON - FLOORS 3 - 12						
	ELEC. CL	PT-14	WB-02	PT-15	PT-08	
	ELEC. CL	PT-14	WB-02	PT-15	PT-08	
	REFUSE RM	TL-03	TL-16	PT-13	PT-13	
	TELECOM RM	PT-14	WB-02	PT-18	PT-08	

350 Grand Concourse #66520.00 - Interior Receptacle Schedule

350 Grand Concourse, Bronx, NY, United States, 10451

ASSOCIATED...	LOCATION	RECEPTACLE...	NOTES
General Note: Electrical Panel at Residential Unit to be white finish.			
PT-05	TYP Corridor Wall_Receptacle	Ebony	Screwless
PT-06	TYP Corridor Wall_Receptacle	Ebony	Screwless
PT-07	TYP Corridor Wall_Receptacle	Ebony	Screwless
PT-10	2nd Floor Corridor Wall_Receptacle	Ebony	Screwless
PT-11	Amenity, Residential Wall_ Receptacle	White	Screwless
PT-12	Amenity Yoga Room Wall_Receptacle	Ebony	Screwless
PT-13	Pet Spa, Laundry Room Wall_Receptacle	White	Screwless
PT-15	Cellar Corridor Wall_Receptacle	White	Screwless
SS-01	Residential Kitchen Solid Surface_Receptacle	Grey	Screwless
TL-06	Residential Bathroom Wall_Receptacle	Light Almond	Screwless
TL-09	Pet Spa Wall_Receptacle	White	Screwless
TL-10	Pet Spa Wall_Receptacle	White	Screwless
TL-11	Pet Spa Wall_Receptacle	Ebony	Screwless
TL-12	Amenity Bathroom Wall Receptacle_Receptacle	Ebony	Screwless
WC-01	Lobby, Ground Elevator Vestibule_Receptacle	Ebony	Screwless
WC-02	Mail Room_Receptacle	Ebony	Screwless
WC-03	Amenity Elevator Vestibule, Typical Elevator Vestibule_Receptacle	Ebony	Screwless
WC-04	Amenity Party Room, Amenity Dining Room_Receptacle	Ebony	Screwless
WC-05	Amenity Pantry Room_Receptacle	Ebony	Screwless
WC-06	Amenity Dining Room_Receptacle	Ebony	Screwless
WC-07	Amenity Fitness Gym_Receptacle	Ebony	Screwless
WC-08	Amenity Fitness Gym_Receptacle	Ebony	Screwless
WC-09	Amenity Fitness Yoga Studio_Receptacle	Ebony	Screwless
WC-10	Cowork_Receptacle	Ebony	Screwless
WC-11	Cowork_Receptacle	Ebony	Screwless
WC-13	Cowork Studio_Receptacle	Light almond	Screwless
WC-14	Lobby Entry_Receptacle	Ebony	Screwless

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

INTERIOR MATERIAL SCHEDULES

SCALE: PAGE: 99 OF 141

A-636.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 7:42:12 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

350 Grand Concourse #66520.00 - Interior Finish Schedule (Revit)

350 Grand Concourse, Bronx, NY, United States, 10451

CODE	ITEM	MANUFACTURER/ VENDOR	DESCRIPTION	DIMENSIONS	LOCATION	CONTACTS (MANUFATURER / VENDOR)	NOTES
Appliance							
AP-01	30" Counter Depth Bottom-Freezer Refrigerator	Frigidaire, Ferguson Home	Stainless Steel, GRBN2012AF	30"W x 68 7/10"H x 31"D	Residential Kitchen	(212) 688-5990	GRBN2012AF, Frigidaire Gallery 20 Cu. Ft. Standard-Depth Bottom Freezer Refrigerator, Stainless Steel
AP-02	Over-the-Range Microwave Oven	Frigidaire, Ferguson Home	FMOS1746BS	29 7/8"W x 16 7/16"H x 15 7/16"D	Residential Kitchen	(212) 688-5990	1.7 cu. ft. Over-the-Range Microwave Oven with 1,000 Watts, 2-speed 300 CFM Venting System, Preset Cooking Options, Glass Turntable, and Cooktop Surface Lighting, 1.7 cu. ft. Over-the-Range Microwave Oven, Stainless Steel
AP-03	Frigidaire 30" Electric Range with Steam Clean	Frigidaire, Ferguson Home	Stainless Steel, FCFE3062AS	30"W x 35 3/8"H x 28 1/2"D	Residential Kitchen	(212) 688-5990	30" Electric Range With Five Element Cooktop, 30-Minute Steam Clean, 5.3cu.ft. Capacity Oven, And included storage drawer, Frigidaire 30" Electric Range with Steam Clean, Stainless Steel
AP-04	Frigidaire 12 Cu. Ft. Garage Ready Bottom Freezer Refrigerator	Frigidaire, Ferguson Home	Stainless Steel, FRBG1224AV	23 3/5"W x 72 4/5"H x 27 1/5"D	Residential Kitchen	(212) 688-5990	24 In. Compact Bottom Freezer Refrigerator With Edge-To-Edge Glass Shelving, Interior LED Lighting, and a Reversible Door. CSA listed and ENERGY STAR certified, Frigidaire 12 Cu. Ft. Garage Ready Bottom Freezer Refrigerator, Stainless Steel Finish
AP-05	Frigidaire 24" Dishwasher	Frigidaire, Ferguson Home	Stainless Steel, FDPH4316AS	24"W x 33 1/2"H x 25"D	Residential Kitchen, Amenity Lounge	(212) 688-5990	24" Dishwasher with 52dBA noise, Three Spray Arms, 4 dishwashing cycles, 14 Place Setting Capacity And MaxDry™. CEE tier 1 and ENERGY STAR certified., Frigidaire 24" Dishwasher, Stainless Steel
AP-06	2.5 cu. ft. Compact Front Load Washer with Smart Dial and Super Speed Wash and Steam	Samsung, Ferguson Home	White, WW25B6900AW	23-5/8"W x 33-1/2"H x 26-13/16"D	Residential Units	(212) 688-5990	2.5 cu. ft. Front Loading Washer with Wi-Fi Connectivity, Steam Wash, and Self Clean+ 120 V/60 Hz electrical requirement., 2.5 cu. ft. Compact Front Load Washer with AI Smart Dial and Super Speed Wash in White, White
AP-07	4.0 Cu.Ft. Electric Dryer with Heat Pump Technology	Samsung, Ferguson Home	White, DV22IN6800HW/AC	23-5/8"W x 33-1/2"H x 25-5/8"D	Residential Units	(212) 688-5990	4.0 cu. ft. Heat Pump Dryer with Sensory dry, 12 drying cycles, and an electrical requirement of 240 V/60 Hz. Stacking Kit is required for a Stacked Washer Dryer Install., 4.0 Cu.Ft. Electric Dryer with Heat Pump Technology, White
AP-08	Amenity_Undercounter Ice Maker	SUMMIT	Stainless Steel, SKU: BIM63OSADA	14.75"W x 32.0"H x 22.75"D	Amenity Lounge	info@summitappliance.com, (718) 893-3900	SKU: BIM63OSADA RHD Door Swing / Outdoor Application, 68 lb. Outdoor Clear Icemaker, ADA Compliant, Stainless Steel, RHD
AP-09	Amenity_ADA Undercounter 24" Refrigerator	SUMMIT	Stainless Steel/Black, SKU: ASDS2413	23.38"W x 32.0"H x 17.75"D	Amenity Lounge	info@summitappliance.com, (718) 893-3900	SKU: ASDS2413 ADA, 24" Shallow 18" Depth, Stainless Steel & Black, 24" Wide Built-In All-Refrigerator, ADA Compliant, Stainless Steel/Black
AP-10	Fitness_Bottle Filling Station	Elkay	Black , LZS8WSBPRO	19"W x 46 7/8" H x 18 3/8"L	Amenity Fitness	CustCare@Elkay.com, +1-800-476-4106	Elkay Pro Filtration® Bottle Filling Station & Single ADA Cooler Refrigerated Ultra-Capacity Lead Re, Black Stainless (BK)
AP-11	Washer at BOH Laundry Room	Hercules Corp	White, MHN33PR	27"W x 37.81"H x 28.81"D	BOH Laundry Room	daniel.horovitz.hercnet.com, 516.653.2121	Maytag MHN33PR, Maytag Energy Advantage He Front Load Washer, White
AP-12	Washer at BOH Laundry Room	LG Electronics, Hercules Corp	Stainless Steel, FH0C7FD*LITCWL2013	29"W x 40.7"H x 32"D	BOH Laundry Room	daniel.horovitz.hercnet.com, 516.653.2121	LG Titan C- Washer Non-heater Electric, Maytag Energy Advantage He Front Load Washer, White
AP-13	Washer at BOH Laundry Room	Maytag, Hercules Corp	White, MLE/ML/G2PRK	27"W x 74.25"H x 29"D	BOH Laundry Room	daniel.horovitz.hercnet.com, 516.653.2121	Maytag Commercial Single Load Super Capacity Stack Dryer Electric, Maytag Energy Advantage He Front Load Washer, White
AP-14	Dryer at BOH Laundry Room	LG Electronics, Hercules Corp	Stainless Steel, ...	373mmW x 2040 mm stackedH x 810mmD	BOH Laundry Room	daniel.horovitz.hercnet.com, 516.653.2121	LG Titan-C Light Professional Dryer Non-heater Electric, LG Titan C- Light, Stainless Steel
AP-15	Striem Tuff Trough Washer Drain	Hercules Corp	TT-3	3'W x 12"H x 18"D	BOH Laundry Room	daniel.horovitz.hercnet.com, 516.653.2121	Striem Tuff Trough TT-3,
Equipment							
EQ-01	Mailroom_Mailbox	FLORENCE CORPORATION		3"H x 12" W x 15"D	Mailroom	800-275-1747	Front_Load_Mailbox-Florence_Manufacturing ADA_USPS_MAX_Height 4CADD-10, 4CADD-10-SD, Black
EQ-02	Yoga room_Yoga Bar	Custom Barres		16' (2x8' section-5 bracket)	Yoga room	support@custombarres.com, 848.245.9464	16' (2x8' section-5 bracket) Double Wall Mount Black Bracket Finish Closed Saddle Oak Wood Barre(1 5/8" Diameter), Barre-Kit-Wall Build-A-Barre, Black Bracket Finish Oak Wood Barre
EQ-03	Package Room (BOH)_Chrome Wire Shelving	Uline, Uline		72"W x 24"D x 86"H	Package Room (BOH)	customer.service@uline.com, (800) 295-5510, customer.service@uline.com, (800) 295-5510	H-2948-86, Chrome
EQ-04	Package Room (BOH)_Chrome Hanging Bar	Uline, Uline		72"W x 5"H	Package Room (BOH)	customer.service@uline.com, (800) 295-5510, customer.service@uline.com, (800) 295-5510	H-4267, Chrome
EQ-05	Fitness Room Lockers	Hollman, Hollman		84"H x 18" W x 20"D 4" Base	Dining Room	(972) 815-4000, (972) 815-4000	Right Orientation ISW Interior Finish Custom to match P-02 Exterior Finish K1MB Lock SQMB ID Tag WPBM Wire Pull, LF1, Color REto match P-02
EQ-06	BOH Lockers	Hollman, Hollman		60" H x 12"W x 20"D 4" Base	BOH Locker Room	(972) 815-4000, (972) 815-4000	Right Orientation ISW Interior Finish SDW Exterior Finish K1MB Lock SQMB ID Tag WPBM Wire Pull, LB2, SDW
Plumbing Fixture							
PL-01	Single Hole Pull Down Kitchen Faucet	Grohe, Ferguson Home	32665003	15"H x 8-3/4"D	Residential Kitchen, Amenity	(212) 688-5990	Concetto 1.75 GPM Single Hole Pull Down Kitchen Faucet No Filtering or Escutcheon Included, Starlight Chrome
PL-02	Kitchen Sink	Kohler	Stainless Steel, K-3822-1-NA	25"W x 9-1/4"H x 22"D	Residential Kitchen	https://www.kohler.com/en, +12123373224	25" top-/undermount single-bowl kitchen sink, Stainless Steel
PL-03	24" undermount ADA kitchen sink	Kohler	Stainless Steel, K-3894-NA	24"W x 6-1/4"H x 18-1/4"D	Amenity Lounge	https://www.kohler.com/en, +12123373224	24" undermount single-bowl kitchen sink ADA compliant, Stainless Steel Finish
PL-04	One-piece Toilet	Kohler	White, K-78080-0	14-7/16"W x 29"H x 28-11/16"D	Residential Kitchen	https://www.kohler.com/en, +12123373224	One-piece compact elongated toilet with skirted trapway, 1.28 gpf, White
PL-05	Sink faucet at typ res bathroom, BOH WC	Kohler	Polished Chrome, K-33590-4K-CP	4-9/16"H x 4-3/16"D	Residential Bath	https://www.kohler.com/en, +12123373224	Single-handle bathroom sink faucet, 1.0 gpm, Polished Chrome
PL-06	19-3/4" bathroom sink	Kohler	White, K-21058	19-13/16"W x 6-3/4"H x 15-5/8"D	Residential Bathroom	https://www.kohler.com/en, +12123373224	19-3/4" rectangular undermount bathroom sink
PL-07	Bath and shower- 2 ways-trim kit	Kohler	Polished Chrome, K-T35327-4H-CP		Residential Bath	https://www.kohler.com/en, +12123373224	Rite-Temp® bath and shower trim kit, 1.75 gpm Pressure balancing valve not included, Polished Chrome
PL-08	ADA Shower Base	American Standard	SOFT WHITE, 6434AM-FCOL.218	64"W x 34"D, 64" x 34"	Residential Bath		Townsend 64 x 34-Inch Single Threshold ADA Shower Base With Linear Drain
PL-09	Shower-1 way-trim kit at Res Unit Bath and BOH WC	Kohler, Ferguson Home	Polished Chrome, K-TS97077-4G-CP		Residential Bathroom	(212) 688-5990, https://www.kohler.com/en, +12123373224	Rite-Temp® shower trim kit, 1.75 gpm
PL-10	Handshower kit	Kohler, Ferguson Home	Polished Chrome, K-35331-G-CP		Residential Bathroom	(212) 688-5990, https://www.kohler.com/en, +12123373224	28" three-function handshower kit, 1.75 gpm
PL-11	Bellwether® 60" x 30-1/4" alcove bath	Kohler, Ferguson Home	White, K-838-0	30"W x 14.5"H x 60"L, 60"x30"	Residential Bathroom	(212) 688-5990, https://www.kohler.com/en, +12123373224	60" x 30-1/4" alcove bath, right drain, White
PL-12	Toilet at Amenity Restroom, BOH WC	American Specialties Inc.	White, Madera 3043511.020	16-1/2" (419 mm) rim heightH x 28 1/4"D	Amenity Bathroom	1 (800) 442-1902	Madera Chair Height Toilet System With Touchless Selectronic® Piston Flush Valve, 1.1 gpf/4.2 Lpf
PL-13	Wall Hung Sink at BOH WC	AMERICAN STANDARD			Amenity Restroom	800.442.1902	
PL-14	BOH WC Shower Pan	American Standard	Soft White, 3838AM-FCOL.218	38"W x 1-3/8"H x 38"L	BOH WC		
PL-15	Wall-Hung Sink at Amenity Restrooms	Kohler	White, K-2084-NR-0	20"W x 4-1/8" H (7" OA H)H x 18"D	Amenity Restroom	https://www.kohler.com/en, +12123373224	Kohler Soho, White
PL-16	Faucet at Amenity Restroom	Kohler	Polished Chrome, K-106C36-SANA-CP	5-1/2"H x 5-13/16"D	Amenity Restroom	https://www.kohler.com/en, +12123373224	Kohler Composed
PL-17	Soap Dispenser at Amenity Restroom	Kohler	Polished Chrome, K-25195-CP	3-1/16"H x 3-13/16"D	Amenity Restroom	https://www.kohler.com/en, +12123373224	Kohler Composed
PL-18	ADA Elite Bathing Tub with Steps and Door at Pet Spa	Groomer's Best	Black, GSBELADA	59 1/2"W x 54"H x 46"D	Pet Spa	sales@groomersbest.com, 605.582.3013	Groomers Best Left Plumbing
PL-19	MUSTEE Utility Sink at Pet Spa	MUSTEE, Grainger	White, 19CF	34" H x 24"L x 13" D	Pet Spa	info@mustee.com, 216.267.3100	MUSTEE
PL-20	MOP Sink at BOH Janitor's Closet	Advance Tabco	Stainless Steel, Advance Tabco...	16"H x Bowl Depth: 12"D x 33"L	BOH JC	customer@advancetabco.com 631-242-6900	Advance Tabco 9-OP-48DF
Toilet Accessory							
TA-01 A	12" grab bar at Amenity Restroom and BOH WC	Kohler	K-14560-S	12"L	Residential Bathroom, Amenity Bathroom	https://www.kohler.com/en, +12123373224	Contemporary 12" grab bar, Polished Stainless
TA-01 B	18" grab bar at Amenity Restroom and BOH WC	Kohler	K-14561-S	18"L	Residential Bathroom, Amenity Bathroom	https://www.kohler.com/en, +12123373224	Contemporary 18" grab bar, Polished Stainless
TA-01 C	24" grab bar at Amenity Restroom and BOH WC	Kohler	K-14562-S	24"L	Residential Bathroom, Amenity Bathroom	https://www.kohler.com/en, +12123373224	Contemporary 24" grab bar, Polished Stainless
TA-01 D	36" grab bar at Amenity Restroom and BOH WC	Kohler	K-14564-S	36"L	Residential Bathroom, Amenity Bathroom	https://www.kohler.com/en, +12123373224	Contemporary 36" grab bar, Polished Stainless
TA-01 E	42" grab bar at Amenity Restroom and BOH WC	Kohler	K-14565-BN	42"L	Residential Bathroom, Amenity Bathroom	https://www.kohler.com/en, +12123373224	Contemporary 42" grab bar, Polished Stainless
TA-02	18" towel bar at Amenity Restroom and BOH WC	Kohler	K-27286-CP	18"W x 18"L	Residential Bathroom	https://www.kohler.com/en, +12123373224	18" towel bar, Polished Chrome
TA-03	Toilet paper holder	Kohler	K-27292-CP	6 1/16"L	Residential Bathroom	https://www.kohler.com/en, +12123373224	Polished Chrome
TA-04	Elate Shower rod	Kohler	K-33810-S	42 5/8" MIN-70 7/8" MAXL	Residential Bathroom	https://www.kohler.com/en, +12123373224	Shower rod, Polished Stainless
TA-05	Robe hook at Res Unit Bath and BOH WC	Kohler	K-27290-CP	51"W, 1 7/8" D	Residential Bathroom	https://www.kohler.com/en, +12123373224	Polished Chrome
TA-06	ADA Shower Seat	Bobrick	B-5193	15 13/16"D	Residential Bathroom	sean.hilgeman@bobrick.com	Shower/Dressing Area Seat, Ivory Phenolic and Satin Finish, 25.5" Wide
TA-07	Sliding shower door	Kohler	K-707615-8L-SH	75-1/2"H x 59-5/8"L, Tall 75-1/2" H x 60"	Residential Bathroom	https://www.kohler.com/en, +12123373224	Sliding shower door, 70-1/2" H x 56-1/4 - 59-5/8" W, with 1/4" thick Crystal Clear glass, Elate, Bright Silver
TA-08	Toilet Seat Cover Disperser at Amenity Restroom and BOH WC	Bobrick	B-221	15 3/4"W x 11"H x 2"L	Amenity Bathroom	sean.hilgeman@bobrick.com	Surface-Mounted Seat Cover Dispenser, Satin Finish, Satin-Finish Stainless Steel
TA-09	Waste Receptacles at Amenity Restroom and BOH WC	Bobrick	B-35139	8-1/16"W x 14-1/8"H x 4-1/2"L	Amenity Bathroom	sean.hilgeman@bobrick.com	Surface-Mounted Sanitary Napkin Disposal, Satin Finish, 0.5-Gallon, Stainless Steel Satin Finish
TA-10	Recessed Paper Towel Dispenser and Waste Receptacle	Bobrick		11-1/2" W, 53-5/8" H, 3 -3/4" min. depth (290 x 1360 x 95mm)	Amenity Bathroom	sean.hilgeman@bobrick.com	ADA Recessed Paper Towel Dispenser and Waste Receptacle, Satin Finish, 3.8-Gallon Waste, Satin Finish
TA-11	Toilet Tissue Dispenser at Amenity Restroom and BOH WC	Bobrick	B-2890	10-21/32" W, 10-5/8" H, 4-1/2" D (270 x 270 x 115mm)	Amenity Bathroom	sean.hilgeman@bobrick.com	Surface-Mounted Jumbo Toilet Tissue Dispenser, Satin Finish, One Roll, Satin Finish
TA-13	Shower Rod at BOH WC	Bobrick	B-6107 Series	1" (25mm) diameter rodW x Flanges are 2 1/2" (65mm) squareH x 36"L,...		sean.hilgeman@bobrick.com	Heavy-Duty Shower Curtain Rod, Satin Finish, stainless steel, satin finish

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T.212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

PLUMB. FIXTURE, ACCESSORY & APPLIANCE SCHEDULES

SCALE: PAGE: 70 OF 75

A-640.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

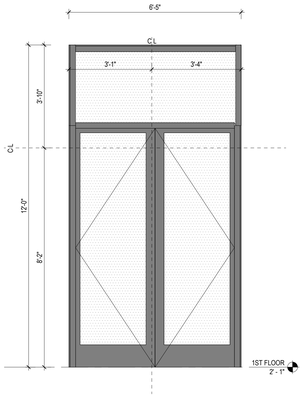
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

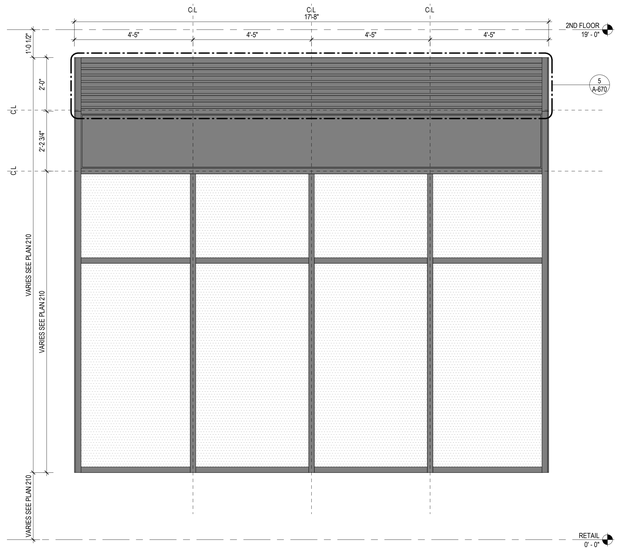
11/10/2025 7:42:15 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

STOREFRONT SCHEDULE NOTES:

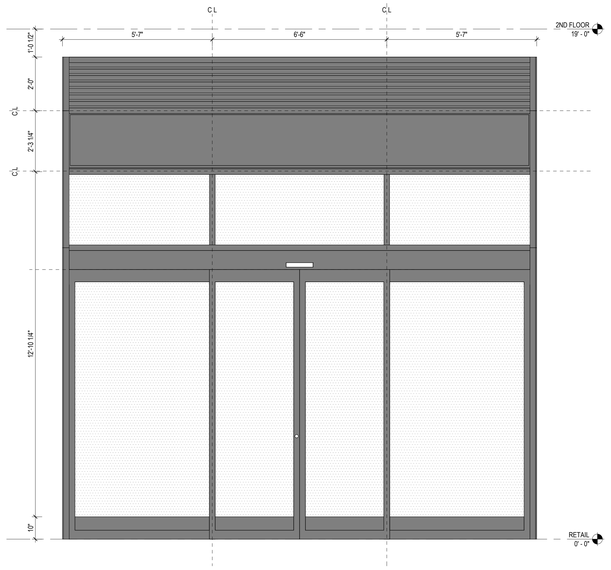
1. THE U-FACTOR, SHGC, AND AIR LEAKAGE RATE FOR ALL MANUFACTURED FENESTRATIONS PRODUCTS SHALL BE DETERMINED BY A LABORATORY ACCREDITED BY A NATIONALLY RECOGNIZED ACCREDITATION ORGANIZATION, SUCH AS THE NATIONAL FENESTRATION COUNCIL.
2. ALL MANUFACTURED AND SITE-BUILT FENESTRATION AND DOOR PRODUCTS SHALL BE LABELED, OR A SIGNED AND DATED CERTIFICATE SHALL BE PROVIDED, BY THE MANUFACTURER, LISTING THE U-FACTOR, SHGC, AND AIR LEAKAGE RATE.
3. U-FACTORS SHALL BE DETERMINED IN ACCORDANCE WITH NFRC 100.
4. SOLAR HEAT GAIN COEFFICIENT (SHGC) FOR THE OVERALL FENESTRATION AREA SHALL BE DETERMINED IN ACCORDANCE WITH NFRC 200.



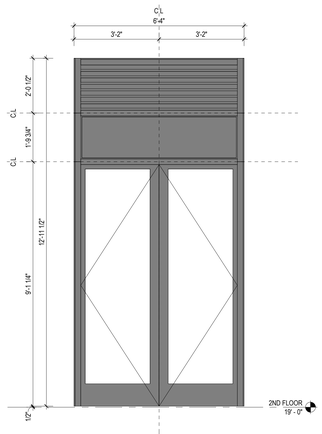
1 STOREFRONT TYPE XS1
SCALE: 1/2" = 1'-0"



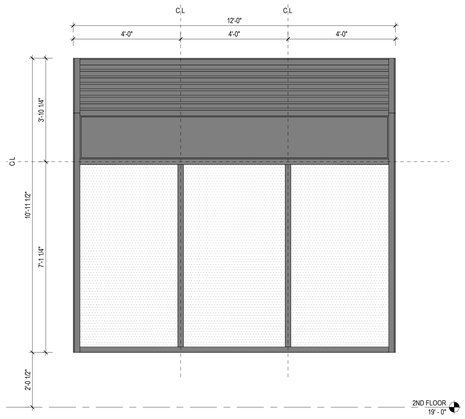
2 STOREFRONT TYPE XS2
SCALE: 1/2" = 1'-0"



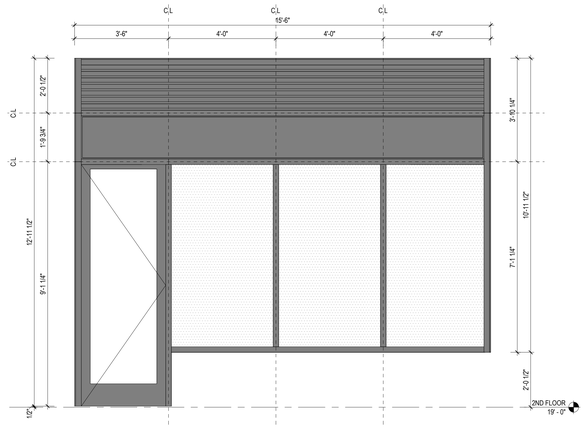
3 STOREFRONT TYPE XS3
SCALE: 1/2" = 1'-0"



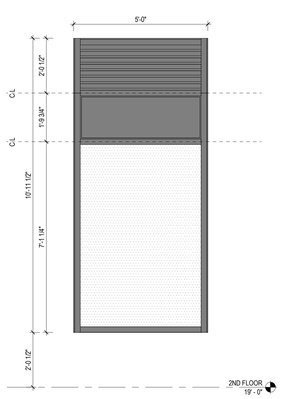
4 STOREFRONT TYPE XS4
SCALE: 1/2" = 1'-0"



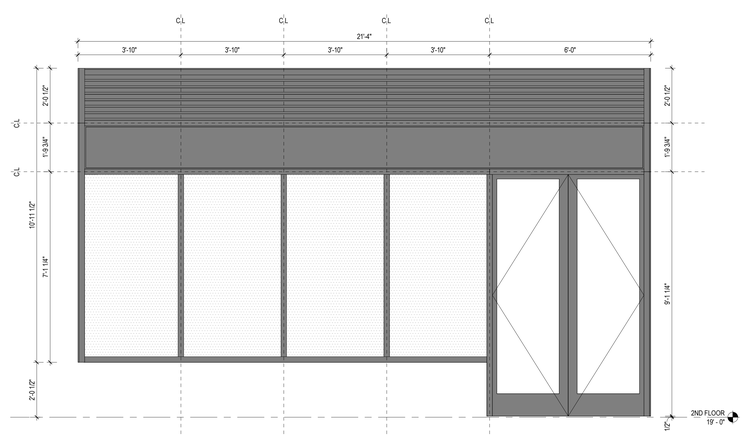
5 STOREFRONT TYPE XS5
SCALE: 1/2" = 1'-0"



6 STOREFRONT TYPE XS6
SCALE: 1/2" = 1'-0"



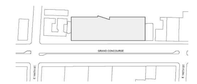
7 STOREFRONT TYPE XS8
SCALE: 1/2" = 1'-0"



8 STOREFRONT TYPE XS7
SCALE: 1/2" = 1'-0"

Curtain Wall							
VV	WIDTH	HEIGHT	SHGC	U-FACTOR	VT	AIR LEAKAGE	BIRD GLASS
XS1	6' - 5"	12' - 0"	0.36	0.35	0.6		Yes
XS2	17' - 8"	SEE ENLARGED ELEVATIONS	0.36	0.35	0.6		Yes
XS3	17' - 8"	17' - 11 1/2"	0.36	0.35	0.6		Yes
XS4	6' - 4"	SEE ENLARGED ELEVATIONS	0.36	0.35	0.6		Yes
XS5	12' - 0"	10' - 11 1/2"	0.36	0.35	0.6		Yes
XS6	15' - 6"	13' - 0"	0.36	0.35	0.6		Yes
XS7	21' - 4"	13' - 0"	0.36	0.35	0.6		Yes

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:
EXTERIOR STOREFRONT TYPES & SCHEDULE

SCALE: As indicated PAGE: 71 OF 75

A-660.00

DOB SCAN STICKER

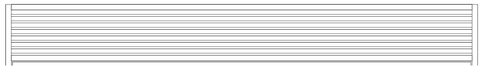
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 8:22:06 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



1 **LOUVER TYPE 1**
SCALE: 1/2"=1'-0"

2 **LOUVER TYPE 2**
SCALE: 1/2"=1'-0"

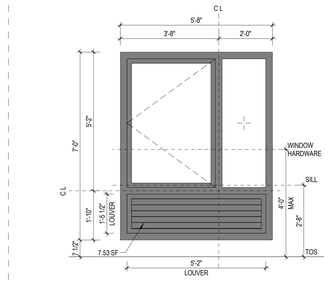
3 **LOUVER TYPE 3**
SCALE: 1/2"=1'-0"

4 **LOUVER TYPE 4**
SCALE: 1/2"=1'-0"

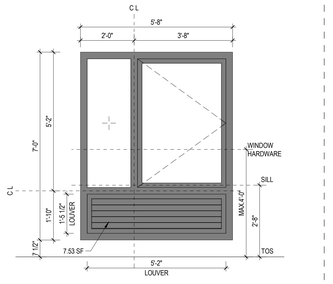
5 **LOUVER TYPE 5**
SCALE: 1/2"=1'-0"

LOUVER SCHEDULE

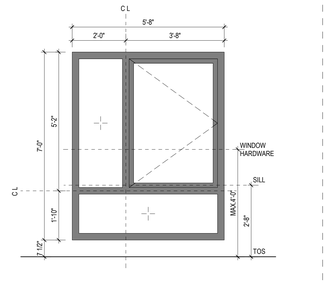
TYPE	DESCRIPTION	HEIGHT	WIDTH	MANUFACTURER	MODEL	NOTES
L-1	1ST FLOOR RETAIL STORE LOUVER	1'-8 1/4"	17'-2"			
L-2	GARAGE LOUVER	1'-8 1/4"	20'-4"			
L-3	2ND FLOOR AMENITY LOUVER	1'-8 1/4"	5'-10"			
L-3	2ND FLOOR AMENITY LOUVER	1'-8 1/4"	11'-6"			
L-3	2ND FLOOR AMENITY LOUVER	1'-8 1/4"	15'-0"			
L-4	2ND FLOOR RETAIL STORE LOUVER	1'-8 1/4"	4'-6"			
L-4	2ND FLOOR RETAIL STORE LOUVER	1'-8 1/4"	5'-10"			
L-4	2ND FLOOR RETAIL STORE LOUVER	1'-8 1/4"	20'-10"			
L-5	2ND FLOOR RETAIL BOH LOUVER	2'-8"	3'-4 1/2"			
L-5	2ND FLOOR RETAIL BOH LOUVER	1'-8 1/4"	11'-5 1/2"			
L-5	2ND FLOOR RETAIL BOH LOUVER	1'-8 1/4"	12'-4 1/4"			
L-5	2ND FLOOR RETAIL BOH LOUVER	1'-8 1/4"	16'-7 1/2"			
L-5	2ND FLOOR RETAIL BOH LOUVER	1'-8 1/4"	17'-6 1/2"			



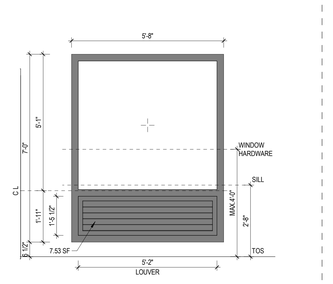
1 **WINDOW TYPE 1**
SCALE: 1/2"=1'-0"



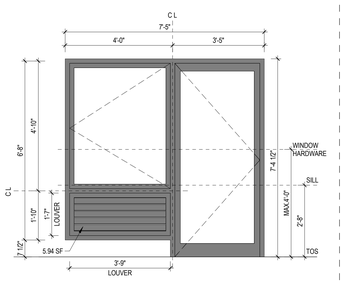
2 **WINDOW TYPE 2**
SCALE: 1/2"=1'-0"



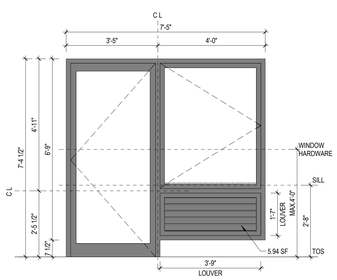
3 **WINDOW TYPE 3**
SCALE: 1/2"=1'-0"



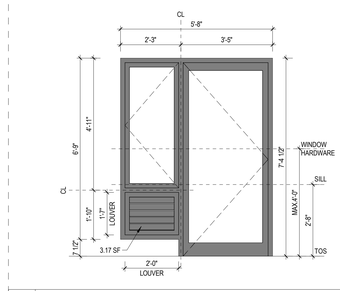
4 **WINDOW TYPE 4**
SCALE: 1/2"=1'-0"



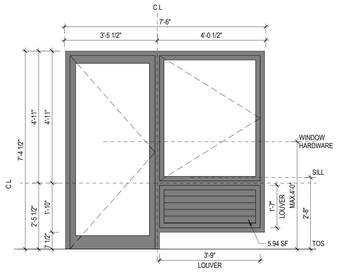
5 **WINDOW TYPE 5**
SCALE: 1/2"=1'-0"



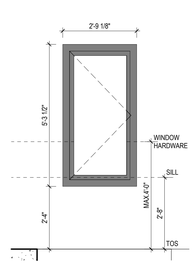
6 **WINDOW TYPE 6**
SCALE: 1/2"=1'-0"



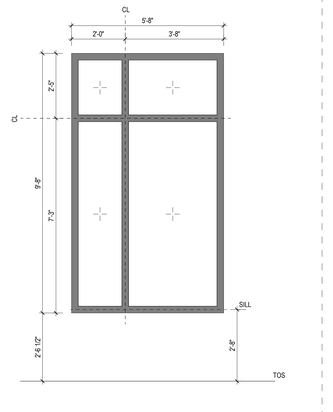
7 **WINDOW TYPE 7**
SCALE: 1/2"=1'-0"



8 **WINDOW TYPE 8**
SCALE: 1/2"=1'-0"



9 **WINDOW TYPE 9**
SCALE: 1/2"=1'-0"



10 **WINDOW TYPE 10**
SCALE: 1/2"=1'-0"

WINDOW SCHEDULE

TYPE	R.O. WIDTH	C.O. WIDTH	R.O. HEIGHT	C.O. HEIGHT	SILL HEIGHT	BIRD GLASS	SHCG	U-FACTOR	VT	OITC	GLASS TYPE	MANUFACTURER	MODEL
1A	5' - 9"	5' - 8"	7' - 1"	7' - 0"	2' - 8"	No	0.36	0.29	0.5	37	3,4	INTUS	SUPERA
1B	5' - 9"	5' - 8"	7' - 1"	7' - 0"	2' - 8"	Yes	0.36	0.29	0.5	37	3,4	INTUS	SUPERA
2A	5' - 9"	5' - 8"	7' - 1"	7' - 0"	2' - 8"	No	0.36	0.29	0.5	33	1,2	INTUS	SUPERA
2B	5' - 9"	5' - 8"	7' - 1"	7' - 0"	2' - 8"	Yes	0.36	0.29	0.5	33	1,2	INTUS	SUPERA
3	5' - 9"	5' - 8"	7' - 1"	7' - 0"	2' - 8"	No	0.36	0.29	0.5	33	1,2	INTUS	SUPERA
4A	5' - 9"	5' - 8"	7' - 1"	7' - 0"	2' - 8"	No	0.36	0.29	0.5	-	1	INTUS	SUPERA
4B	5' - 9"	5' - 8"	7' - 1"	7' - 0"	2' - 8"	Yes	0.36	0.29	0.5	-	1	INTUS	SUPERA
5	7' - 6"	7' - 5"	6' - 10"	7' - 4 1/2"	2' - 8"	Yes	0.36	0.29	0.5	36	3	INTUS	SUPERA
6	7' - 6"	7' - 5"	6' - 10"	7' - 4 1/2"	2' - 8"	Yes	0.36	0.29	0.5	37	4	INTUS	SUPERA
7	5' - 9"	5' - 8"	6' - 10"	7' - 4 1/2"	2' - 8"	No	0.36	0.29	0.5	33	2	INTUS	SUPERA
8	7' - 6"	7' - 5"	6' - 10"	7' - 4 1/2"	2' - 8"	No	0.36	0.29	0.5	37	4	INTUS	SUPERA
9	5' - 9"	5' - 8"	7' - 1"	7' - 0"	2' - 8"	No	0.36	0.29	0.5	37	4	INTUS	SUPERA
10	5' - 9"	5' - 8"	9' - 9"	9' - 8"	2' - 8"	Yes	0.36	0.29	0.5	30	1	INTUS	SUPERA

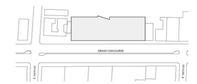
WINDOW SCHEDULE NOTES:

1. THE U-FACTOR, SHGC, AND AIR LEAKAGE RATE FOR ALL MANUFACTURED FENESTRATIONS PRODUCTS SHALL BE DETERMINED BY A LABORATORY ACCREDITED BY A NATIONALLY RECOGNIZED ACCREDITATION ORGANIZATION, SUCH AS THE NATIONAL FENESTRATION COUNCIL.
2. ALL MANUFACTURED AND SITE-BUILT FENESTRATION AND DOOR PRODUCTS SHALL BE LABELED, OR A SIGNED AND DATED CERTIFICATE SHALL BE PROVIDED, BY THE MANUFACTURER, LISTING THE U-FACTOR, SHGC, AND AIR LEAKAGE RATE.
3. U-FACTORS SHALL BE DETERMINED IN ACCORDANCE WITH NFRC 100.
4. SOLAR HEAT GAIN COEFFICIENT (SHGC) FOR THE OVERALL FENESTRATION AREA SHALL BE DETERMINED IN ACCORDANCE WITH NFRC 200.
5. REFER TO PLANS AND ELEVATIONS FOR OPERABLE WINDOW SWING.
6. REFER TO PLANS FOR MIRRORED VERSION OF SAME WINDOW TYPE.
7. REFER TO SPECIFICATION AND ELEVATIONS FOR LOCATIONS OF BIRD GLASS

ABBREVIATIONS:

C.O. CLEAR OPENING
R.O. ROUGH OPENING
CL CENTER LINE

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
F	10.17.2025	DOB EN ISSUANCE
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

EXTERIOR WINDOW/LOUVER TYPES & SCHEDULE

SCALE: As indicated PAGE: 72 OF 75

A-670.00

DOB SCAN STICKER

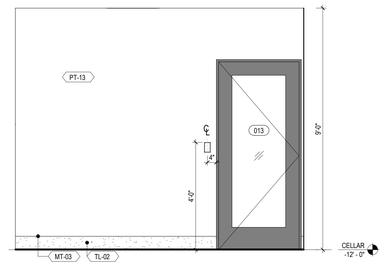
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

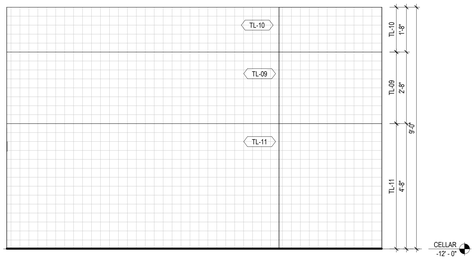
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

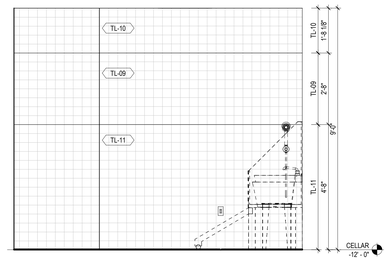
11/10/2025 6:10:14 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



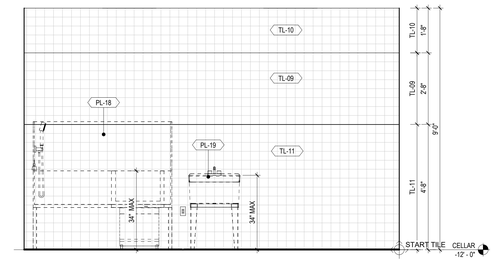
8 | INT. ELEVATION - PET SPA WEST ELEV
SCALE: 1/2" = 1'-0"



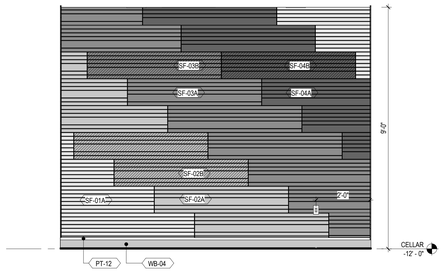
7 | INT. ELEVATION - PET SPA NORTH ELEV.
SCALE: 1/2" = 1'-0"



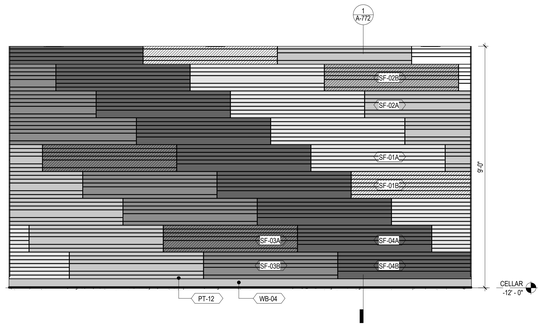
6 | INT. ELEVATION - PET SPA EAST ELEV
SCALE: 1/2" = 1'-0"



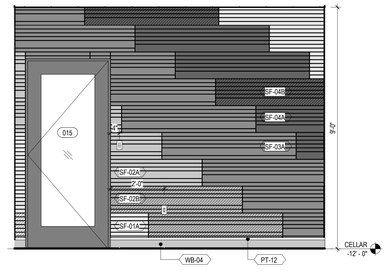
5 | INT. ELEVATION - PET SPA SOUTH ELEV
SCALE: 1/2" = 1'-0"



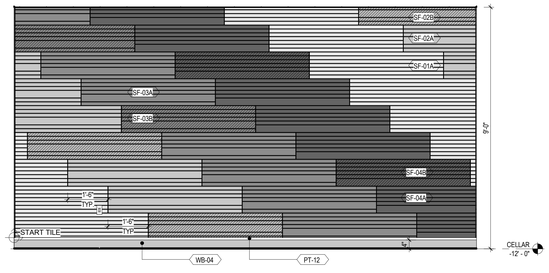
12 | INT. ELEVATION - MUSIC ROOM WEST ELEV
SCALE: 1/2" = 1'-0"



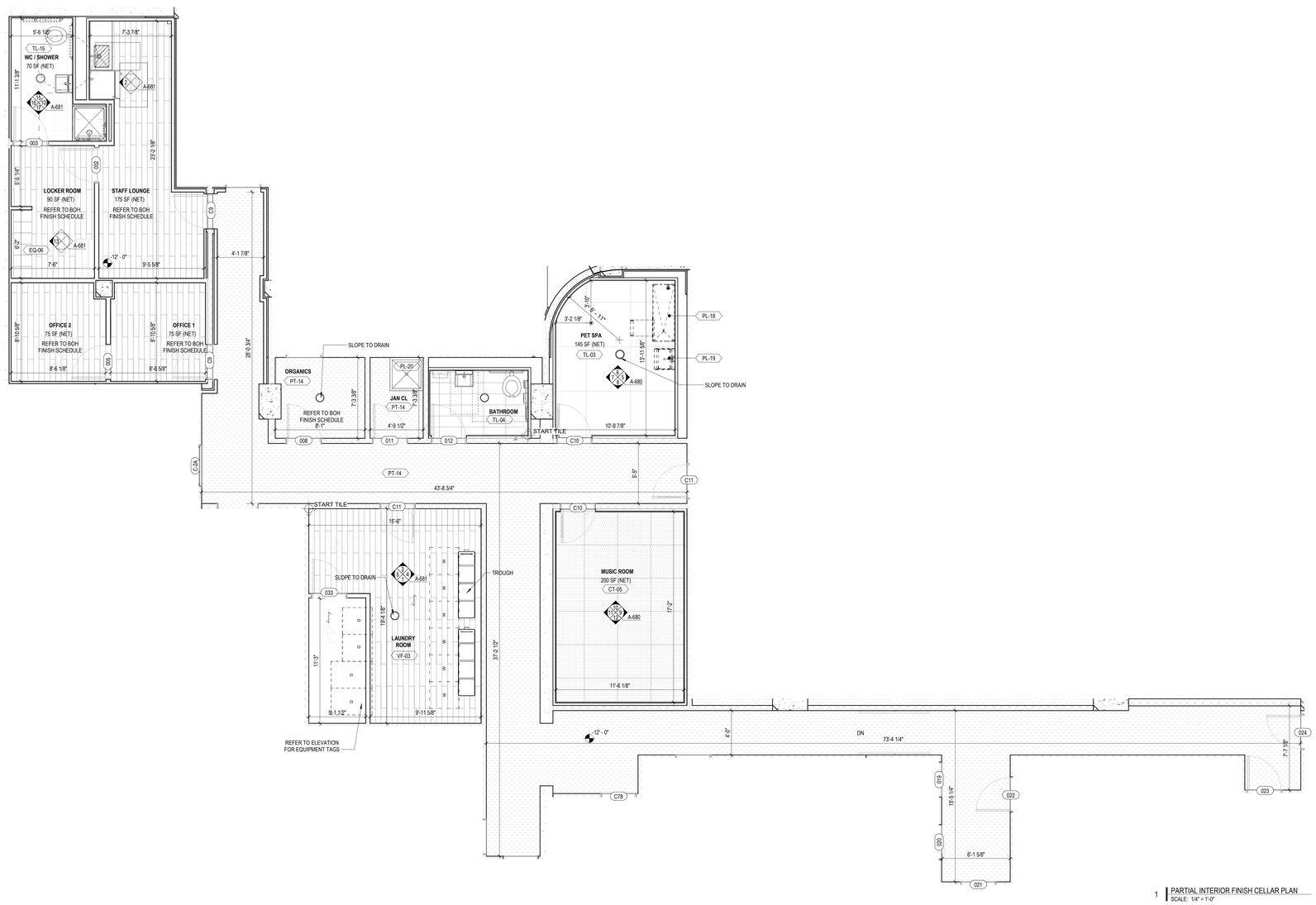
11 | INT. ELEVATION - MUSIC ROOM NORTH ELEV
SCALE: 1/2" = 1'-0"



10 | INT. ELEVATION - MUSIC ROOM EAST ELEV
SCALE: 1/2" = 1'-0"

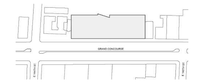


9 | INT. ELEVATION - MUSIC ROOM SOUTH ELEV
SCALE: 1/2" = 1'-0"



1 | PARTIAL INTERIOR FINISH CELLAR PLAN
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:
ENLARGED INTERIOR FINISH PLANS CELLAR FLOOR 1

SCALE: As indicated PAGE:

A-680.00

DOB SCAN STICKER

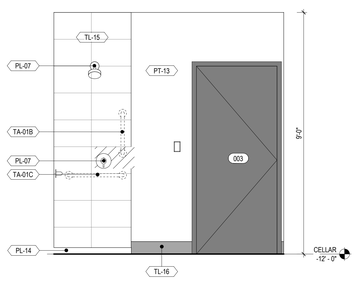
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

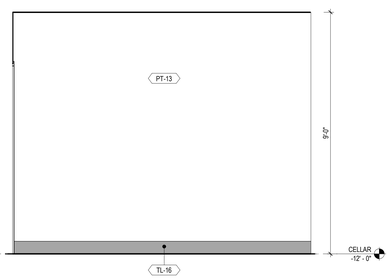
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

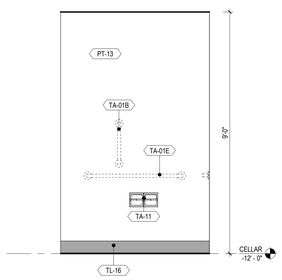
11/10/2025 6:47:02 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



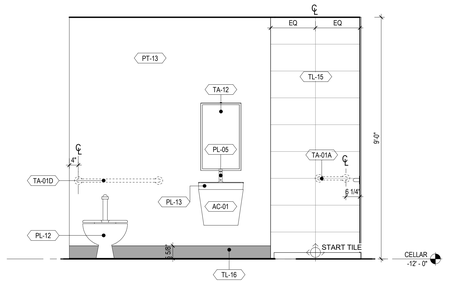
17 INT. ELEVATION WC / SHOWER - WEST
SCALE: 1/2" = 1'-0"



16 INT. ELEVATION WC / SHOWER - NORTH
SCALE: 1/2" = 1'-0"

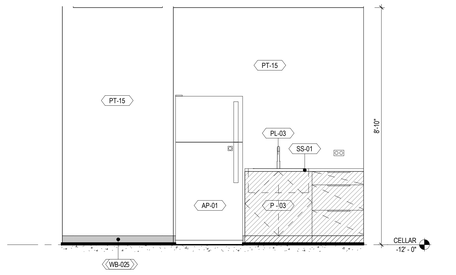


15 INT. ELEVATION WC / SHOWER - EAST
SCALE: 1/2" = 1'-0"

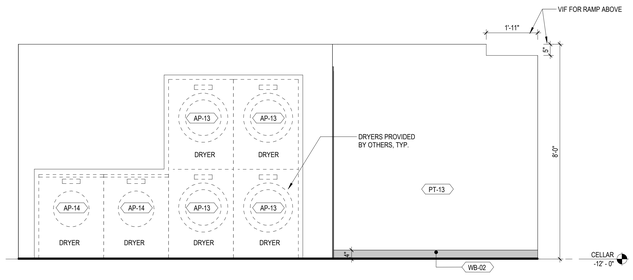


10 INT. ELEVATION WC / SHOWER - SOUTH
SCALE: 1/2" = 1'-0"

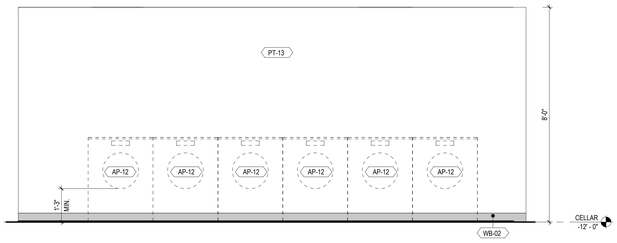
13 INT. ELEVATION - LOCKER ROOM - NORTH
SCALE: 1/2" = 1'-0"



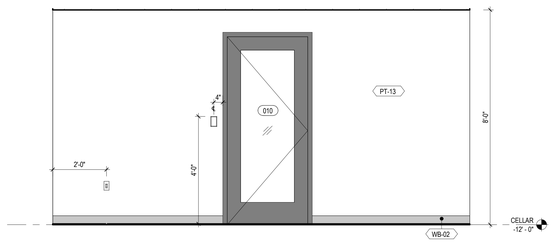
2 INT. STAFF LOUNGE KITCHEN
SCALE: 1/2" = 1'-0"



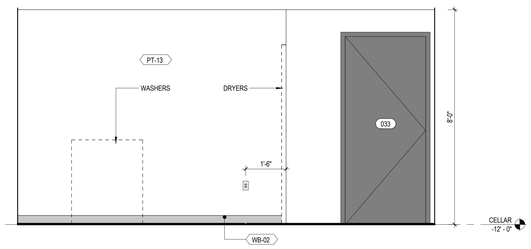
5 INT. ELEVATION - LAUNDRY ROOM - WEST ELEV
SCALE: 1/2" = 1'-0"



4 INT. ELEVATION - LAUNDRY ROOM - SOUTH ELEV
SCALE: 1/2" = 1'-0"

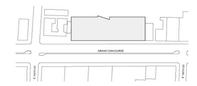


3 INT. ELEVATION - LAUNDRY ROOM - EAST ELEV
SCALE: 1/2" = 1'-0"



1 INT. ELEVATION - LAUNDRY ROOM - NORTH ELEV
SCALE: 1/2" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENLARGED INTERIOR FINISH PLANS CELLAR FLOOR 2

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

A-681.00

DOB SCAN STICKER

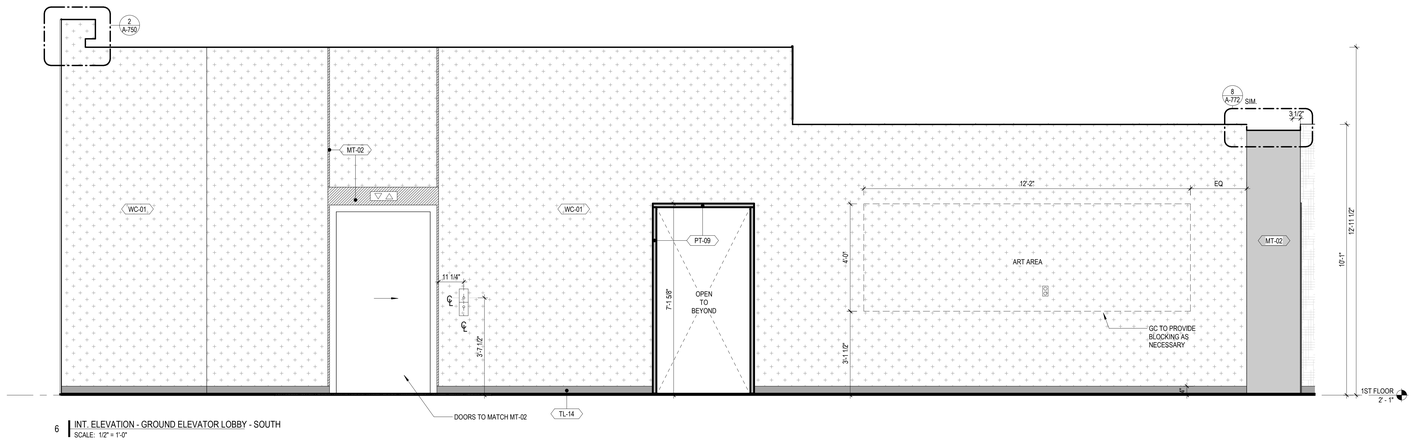
SEAL

NOT FOR CONSTRUCTION

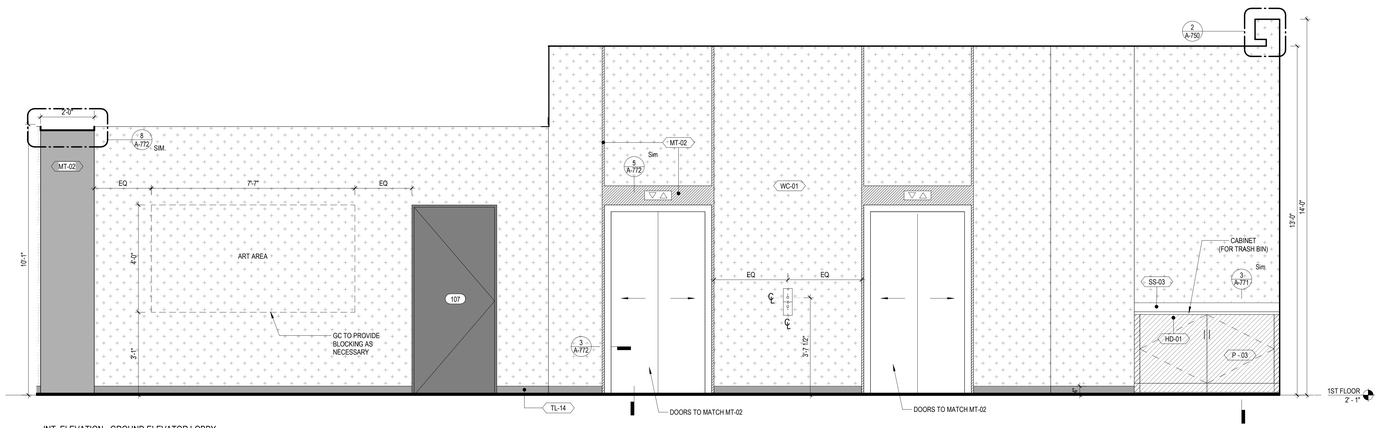
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

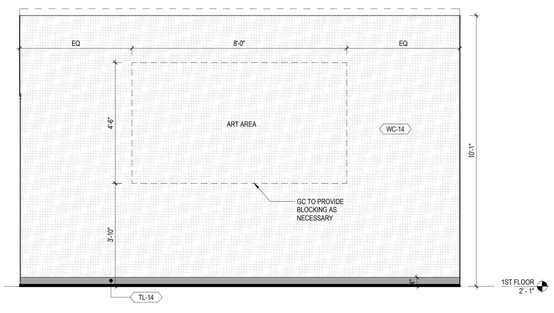
11/10/2025 6:47:02 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



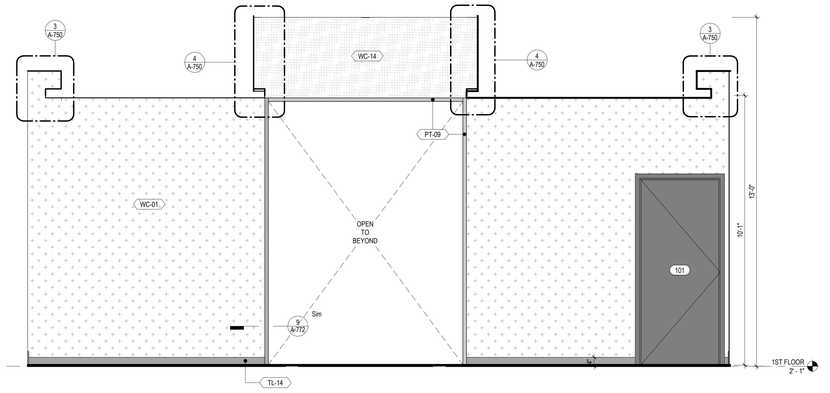
6 INT. ELEVATION - GROUND ELEVATOR LOBBY - SOUTH
SCALE: 1/2" = 1'-0"



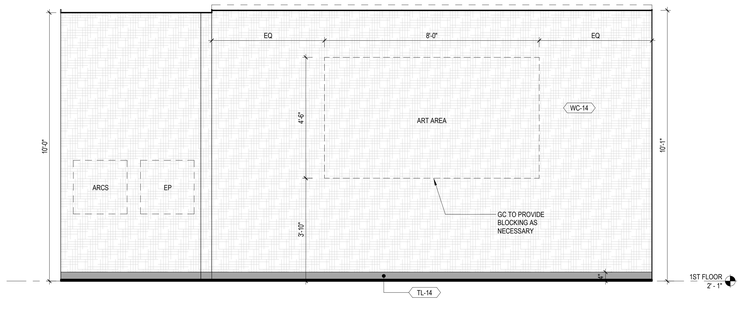
5 INT. ELEVATION - GROUND ELEVATOR LOBBY - NORTH
SCALE: 1/2" = 1'-0"



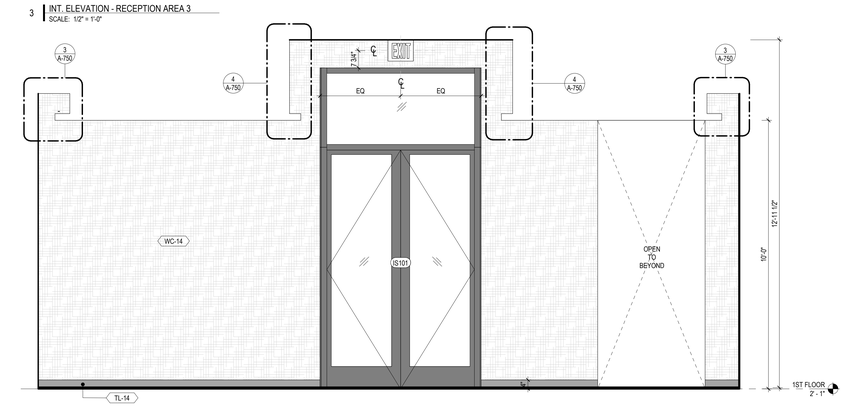
4 INT. ELEVATION - RECEPTION AREA 4
SCALE: 1/2" = 1'-0"



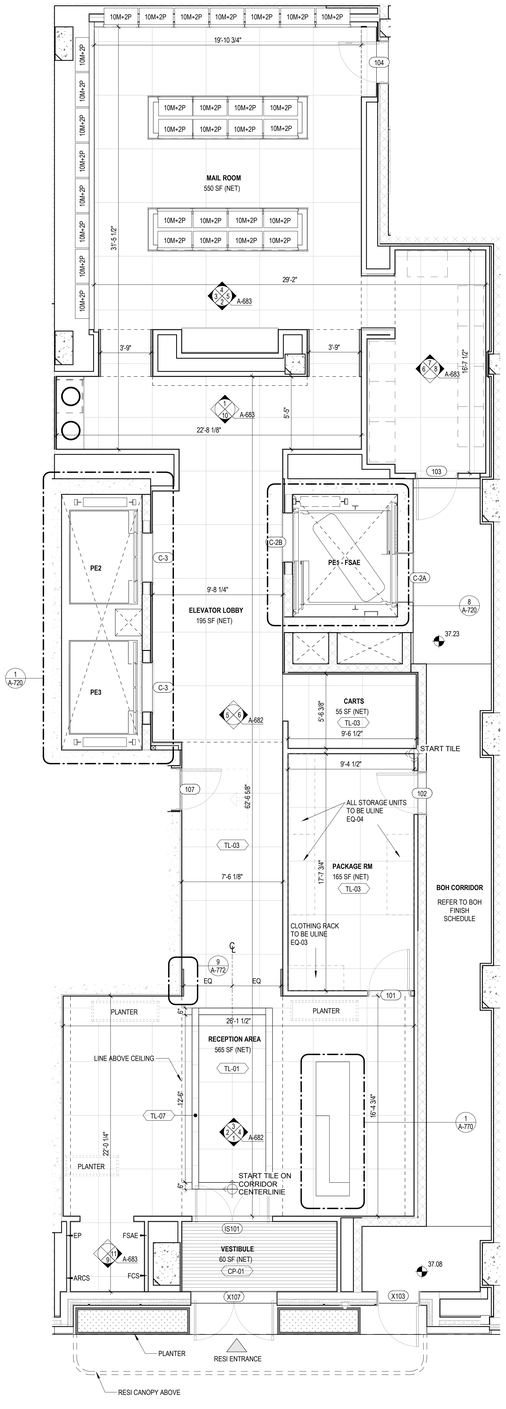
3 INT. ELEVATION - RECEPTION AREA 3
SCALE: 1/2" = 1'-0"



2 INT. ELEVATION - RECEPTION AREA 2
SCALE: 1/2" = 1'-0"

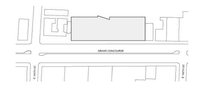


1 INT. ELEVATION - RECEPTION AREA 1
SCALE: 1/2" = 1'-0"



0 PARTIAL INTERIOR FINISH 1ST FLOOR PLAN
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

ENLARGED INTERIOR FINISH PLANS 1ST FLOOR 1

SCALE: As indicated PAGE:

A-682.00

DOB SCAN STICKER

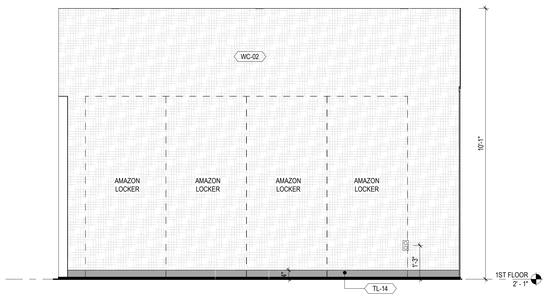
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

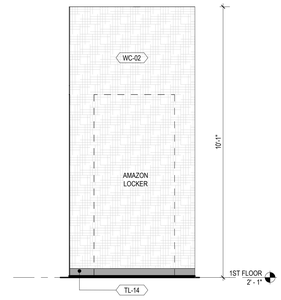
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

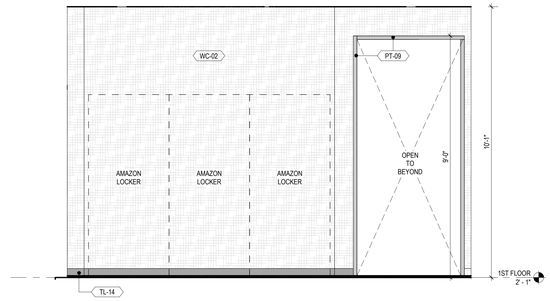
11/10/2025 6:47:03 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



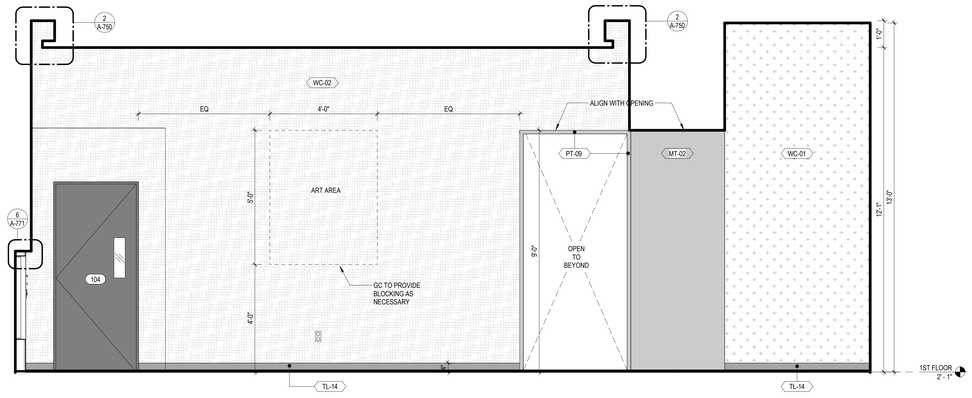
8 INT. ELEVATION - PACKAGE ROOM 8
SCALE: 1/2" = 1'-0"



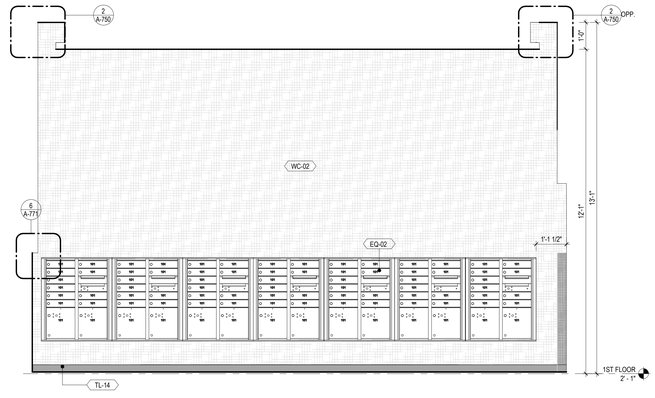
7 INT. ELEVATION - PACKAGE ROOM 7
SCALE: 1/2" = 1'-0"



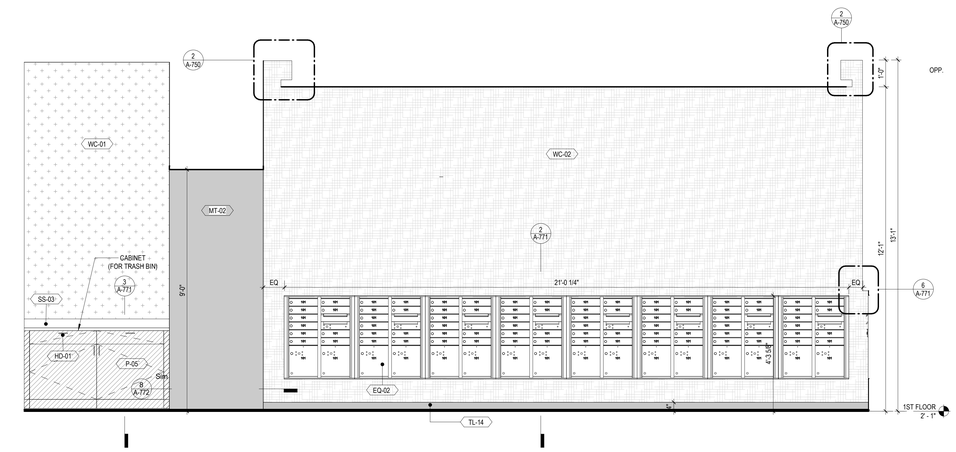
6 INT. ELEVATION - PACKAGE ROOM 6
SCALE: 1/2" = 1'-0"



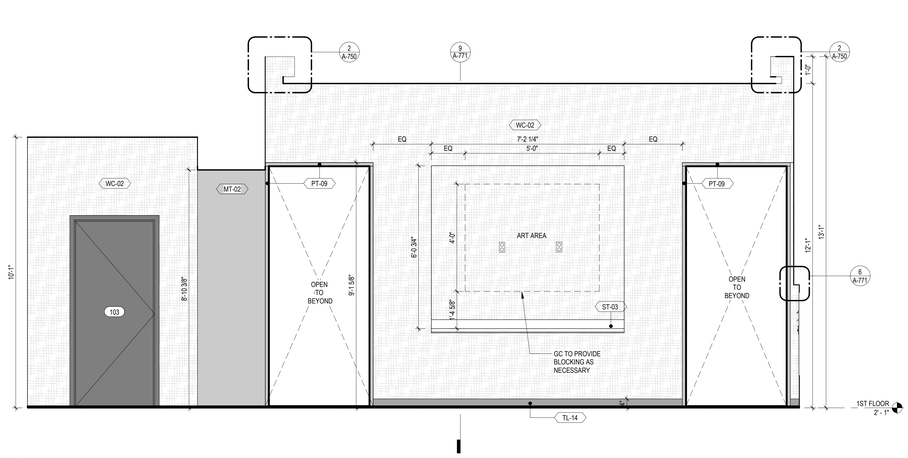
5 INT. ELEVATION - MAILROOM 4
SCALE: 1/2" = 1'-0"



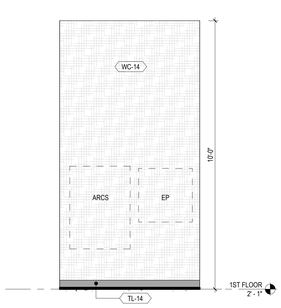
4 INT. ELEVATION - MAILROOM 3
SCALE: 1/2" = 1'-0"



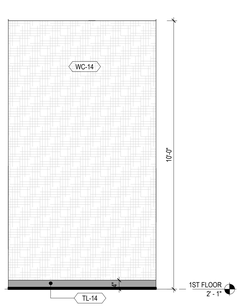
3 INT. ELEVATION - MAILROOM 2
SCALE: 1/2" = 1'-0"



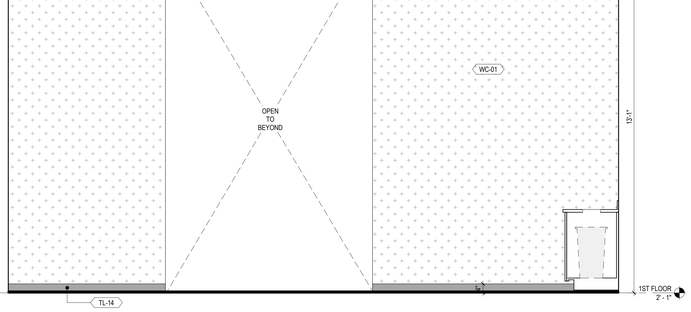
2 INT. ELEVATION - MAILROOM 1
SCALE: 1/2" = 1'-0"

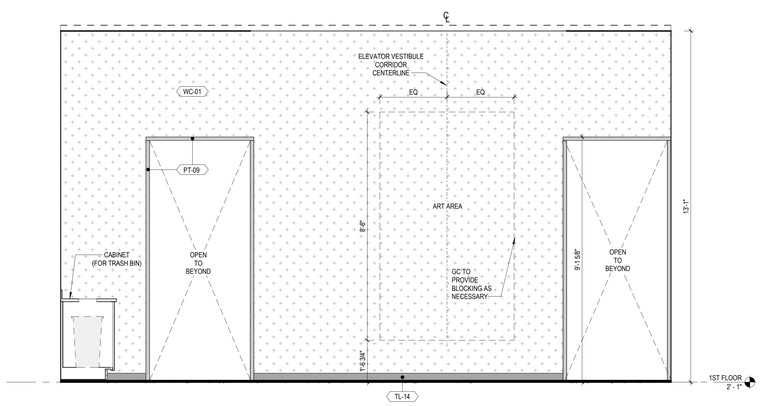


11 INT. ELEVATION - FP PANELS SOUTH
SCALE: 1/2" = 1'-0"



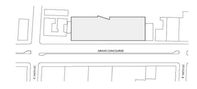
9 INT. ELEVATIONS - FP PANELS WEST
SCALE: 1/2" = 1'-0"





1 INT. ELEVATION - GROUND ELEVATOR LOBBY - WEST
SCALE: 1/2" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENLARGED INTERIOR FINISH PLANS 1ST FLOOR 2

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

A-683.00

DOB SCAN STICKER

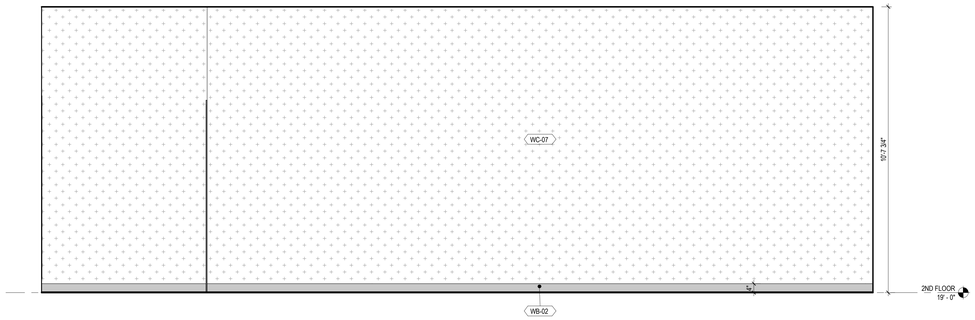
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

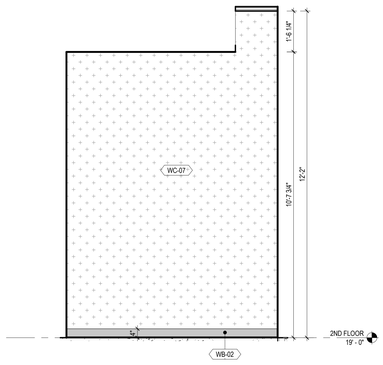
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

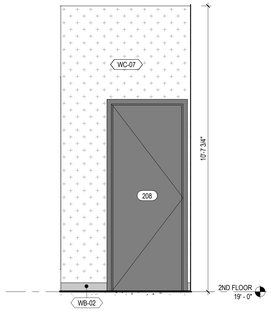
11/10/2025 6:47:04 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



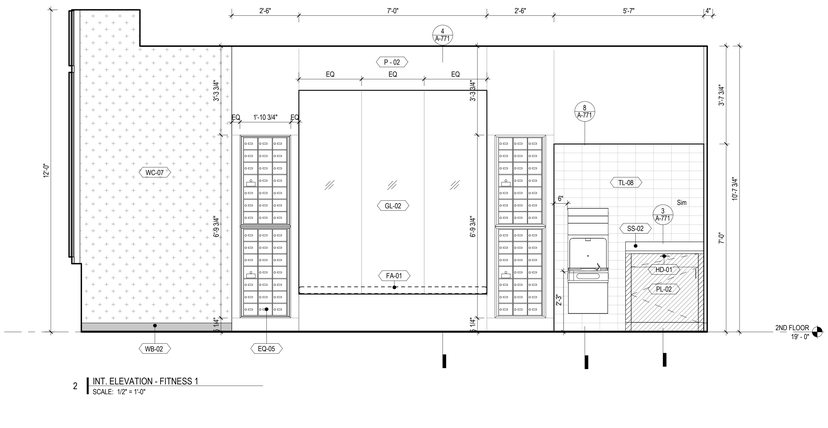
3 INT. ELEVATION - FITNESS 2
SCALE: 1/2" = 1'-0"



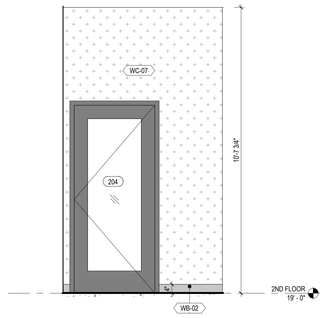
12 INT. ELEVATION - FITNESS 7
SCALE: 1/2" = 1'-0"



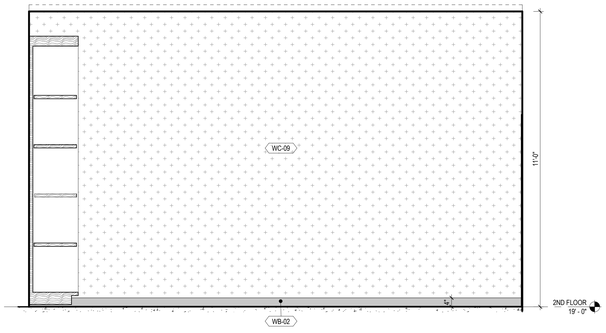
11 INT. ELEVATION - FITNESS 6
SCALE: 1/2" = 1'-0"



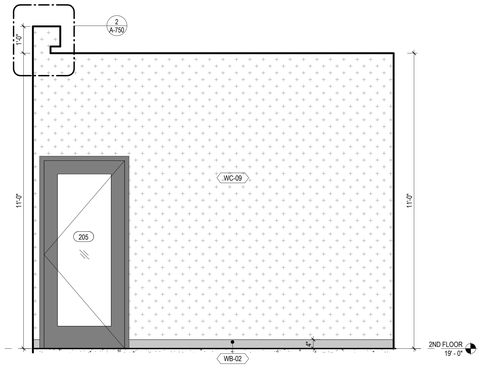
2 INT. ELEVATION - FITNESS 1
SCALE: 1/2" = 1'-0"



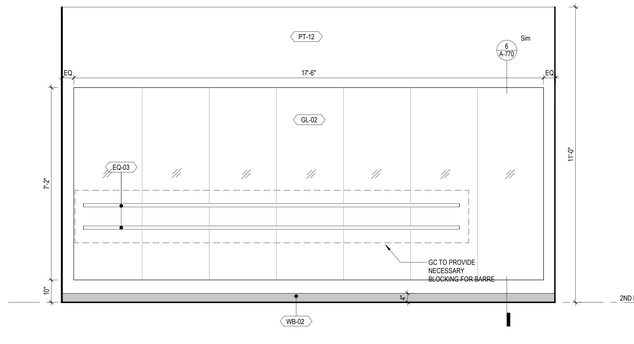
13 INT. ELEVATION - FITNESS 8
SCALE: 1/2" = 1'-0"



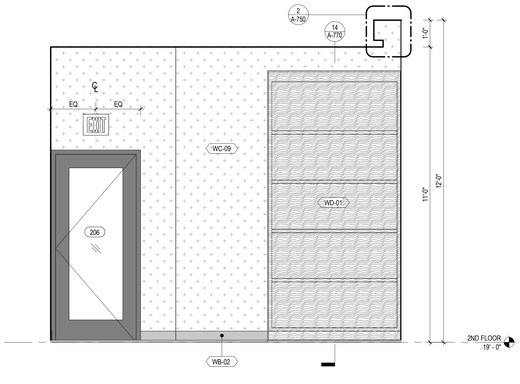
10 INT. ELEVATION - YOGA ROOM 4
SCALE: 1/2" = 1'-0"



9 INT. ELEVATION - YOGA ROOM 3
SCALE: 1/2" = 1'-0"



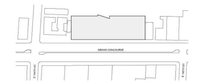
8 INT. ELEVATION - YOGA ROOM 2
SCALE: 1/2" = 1'-0"



7 INT. ELEVATION - YOGA ROOM 1
SCALE: 1/2" = 1'-0"

1 AMENITIES - 2ND FLOOR ENLARGED PLAN
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENLARGED INTERIOR FINISH PLANS 2ND FLOOR 1

SCALE: As indicated PAGE:

A-684.00

DOB SCAN STICKER

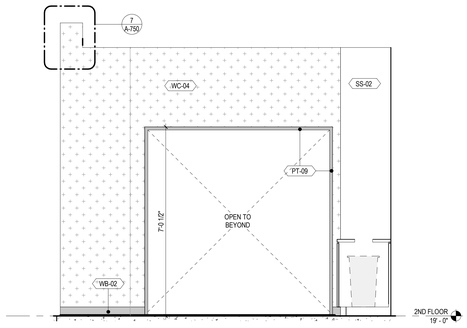
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

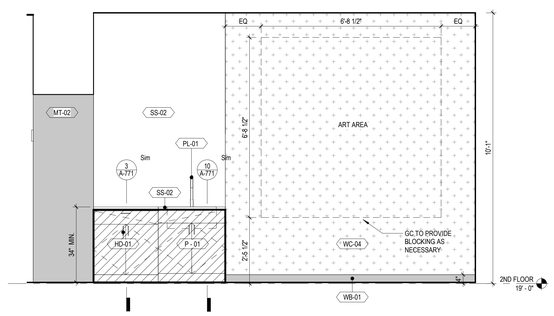
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

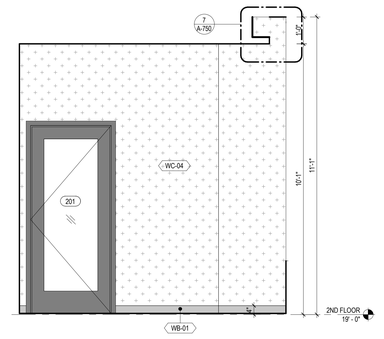
11/10/2025 6:47:13 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



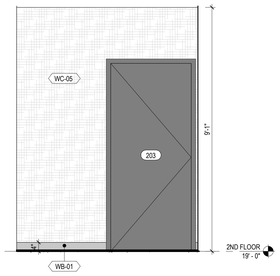
7 INT. ELEVATION - PARTY ROOM WEST2
SCALE: 1/2" = 1'-0"



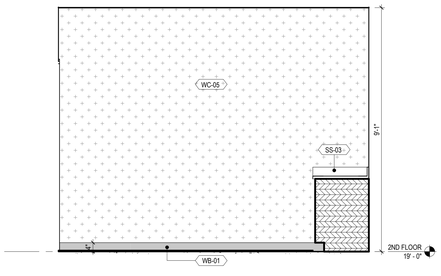
9 INT. ELEVATION - PARTY ROOM WEST
SCALE: 1/2" = 1'-0"



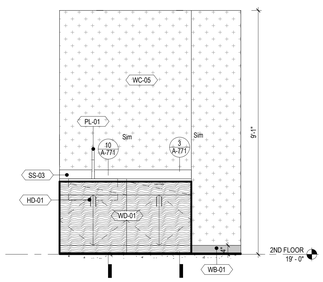
6 INT. ELEVATION - PARTY ROOM NORTH
SCALE: 1/2" = 1'-0"



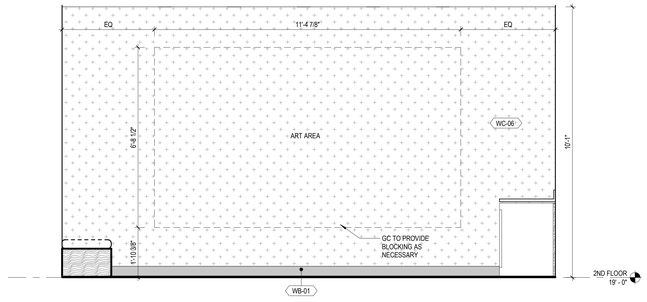
17 INT. ELEVATION - PANTRY WEST
SCALE: 1/2" = 1'-0"



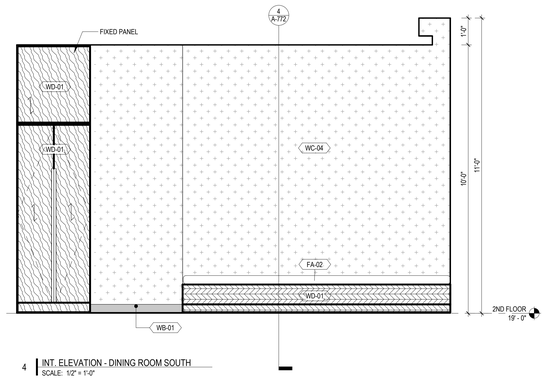
16 INT. ELEVATION - PANTRY NORTH
SCALE: 1/2" = 1'-0"



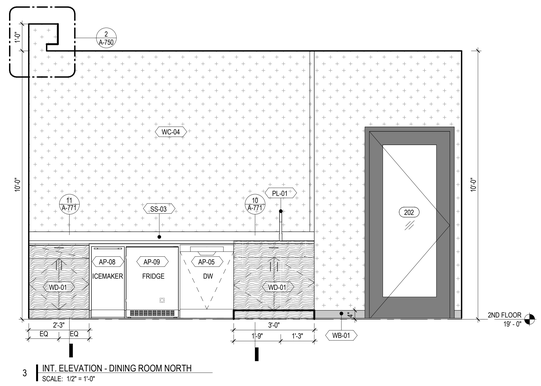
15 INT. ELEVATION - PANTRY EAST
SCALE: 1/2" = 1'-0"



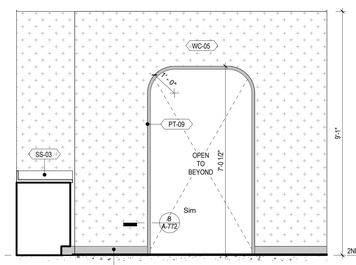
5 INT. ELEVATION - DINING ROOM WEST
SCALE: 1/2" = 1'-0"



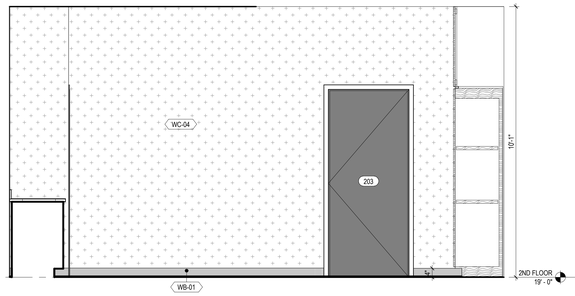
4 INT. ELEVATION - DINING ROOM SOUTH
SCALE: 1/2" = 1'-0"



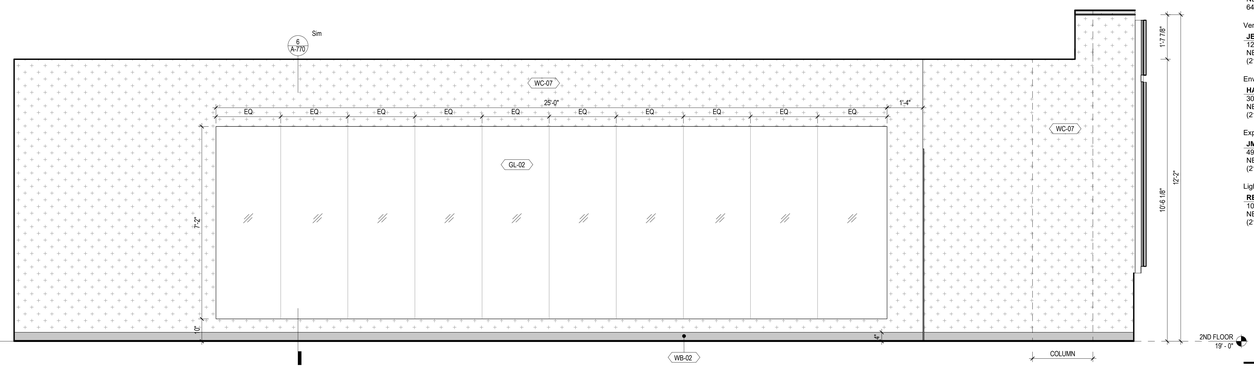
3 INT. ELEVATION - DINING ROOM NORTH
SCALE: 1/2" = 1'-0"



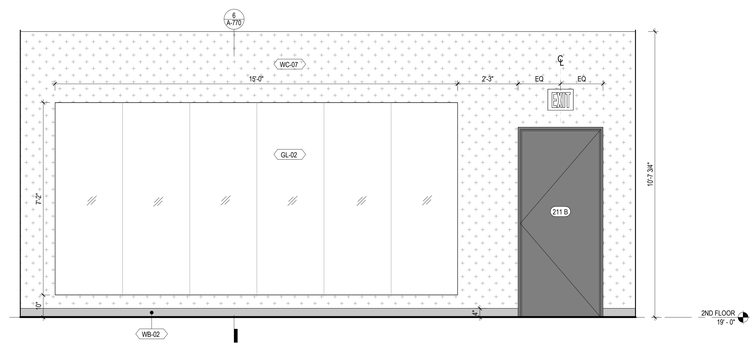
14 INT. ELEVATION - PANTRY SOUTH
SCALE: 1/2" = 1'-0"



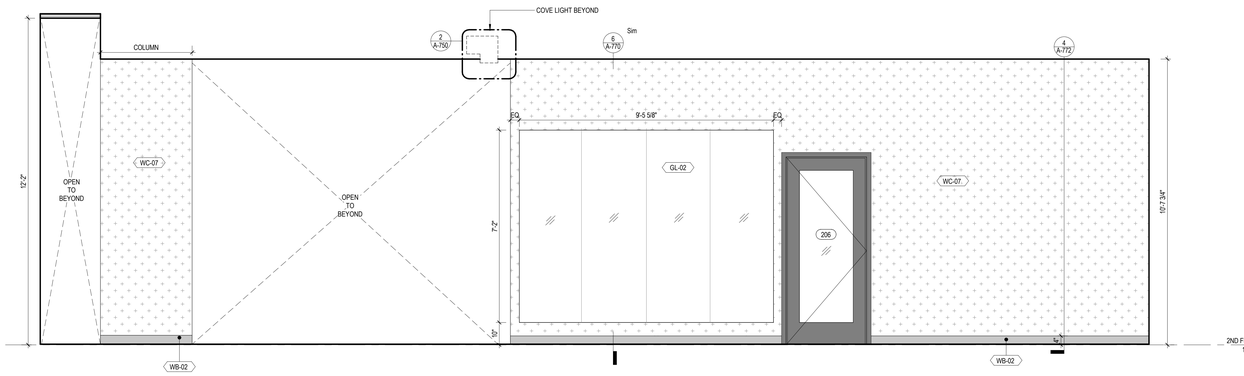
2 INT. ELEVATION - DINING ROOM EAST
SCALE: 1/2" = 1'-0"



12 INT. ELEVATION - FITNESS 5
SCALE: 1/2" = 1'-0"

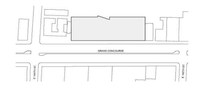


13 INT. ELEVATION - FITNESS 3
SCALE: 1/2" = 1'-0"



1 INT. ELEVATION - FITNESS 4
SCALE: 1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENLARGED INTERIOR FINISH PLANS 2ND FLOOR 2

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

A-685.00

DOB SCAN STICKER

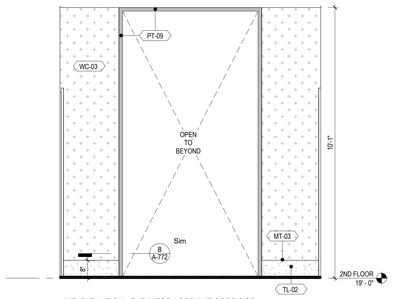
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

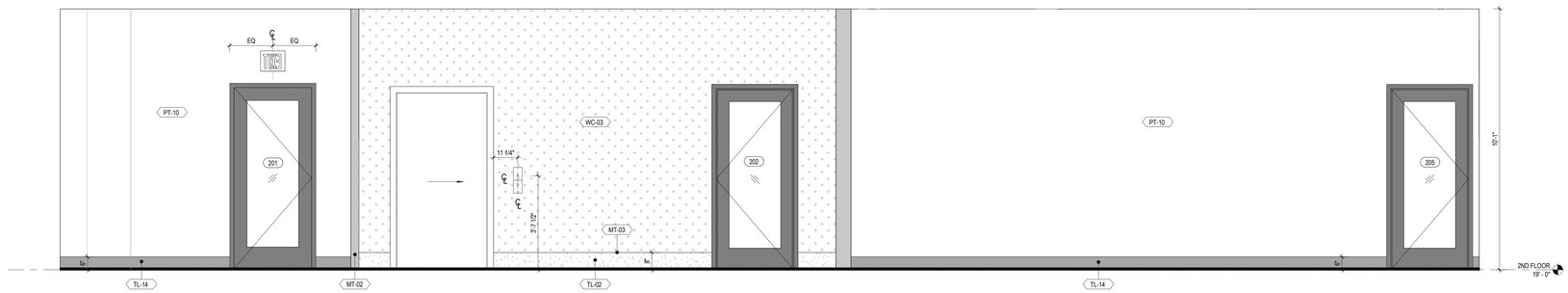
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

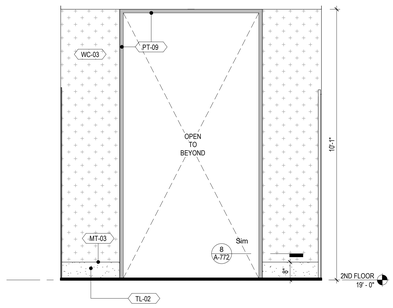
11/10/2025 6:47:14 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



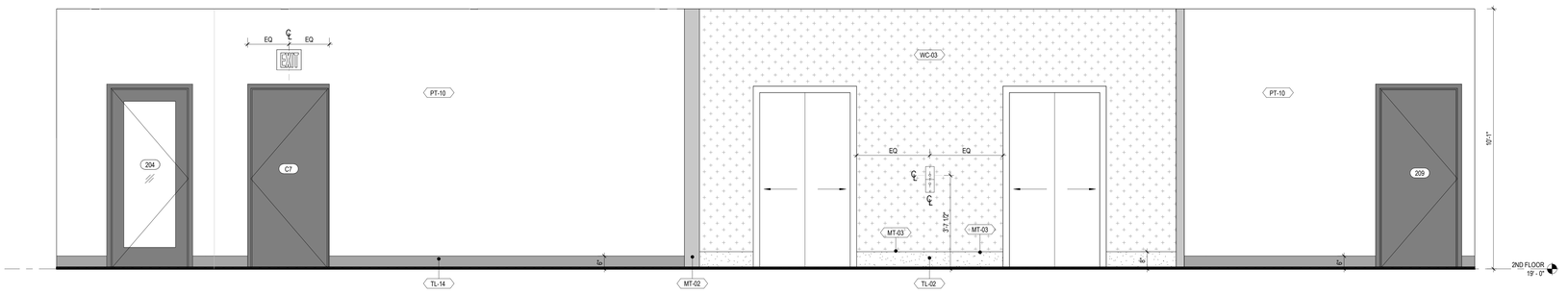
10 INT. ELEVATION - ELEVATOR LOBBY AT CORRIDOR
EAST @ 2ND FLOOR
SCALE: 1/2" = 1'-0"



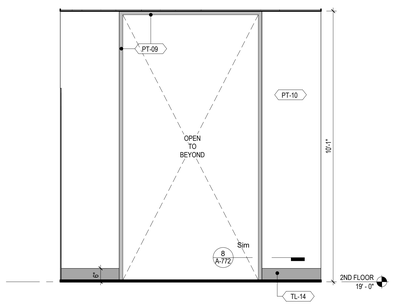
6 INT. ELEVATION - CORRIDOR SOUTH
SCALE: 1/2" = 1'-0"



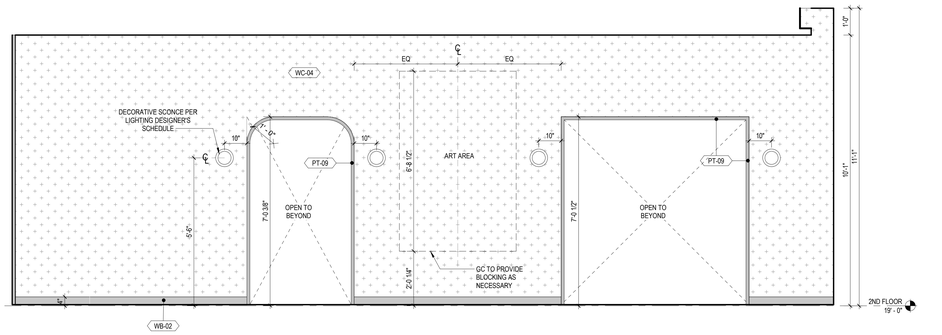
5 INT. ELEVATION - ELEVATOR LOBBY AT CORRIDOR
WEST @ 2ND FLOOR
SCALE: 1/2" = 1'-0"



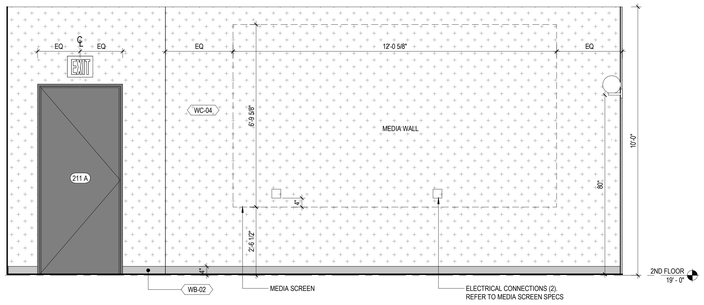
1 INT. ELEVATION - CORRIDOR NORTH
SCALE: 1/2" = 1'-0"



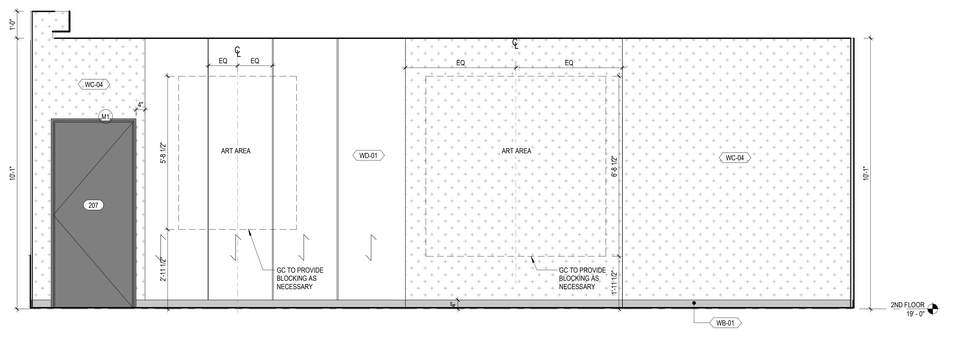
7 INT. ELEVATION - ELEVATOR LOBBY AT CORRIDOR
WEST @ 2ND FLOOR 2
SCALE: 1/2" = 1'-0"



4 INT. ELEVATION - PARTY ROOM NORTH 2
SCALE: 1/2" = 1'-0"

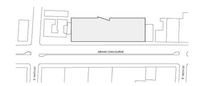


3 INT. ELEVATION - PARTY ROOM WEST 2
SCALE: 1/2" = 1'-0"



2 INT. ELEVATION - PARTY ROOM SOUTH
SCALE: 1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENLARGED INTERIOR FINISH PLANS 2ND FLOOR 3

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

A-686.00

DOB SCAN STICKER

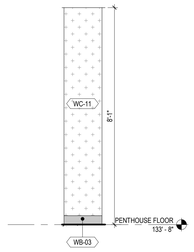
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

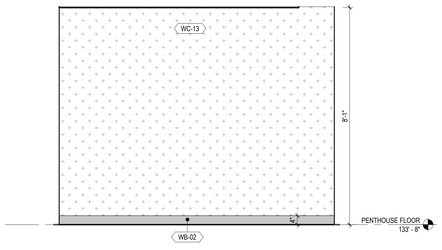
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

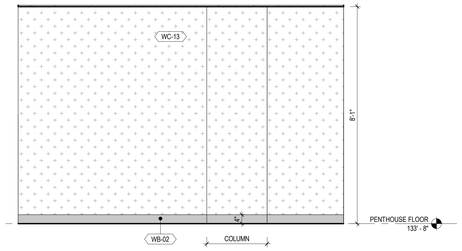
11/10/2025 6:47:14 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



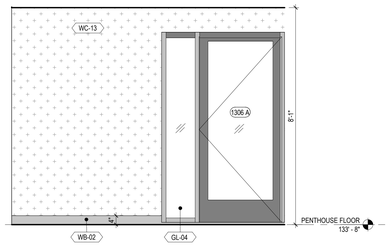
20 | COWORK COLUMN ELEVATION
SCALE: 1/2" = 1'-0"



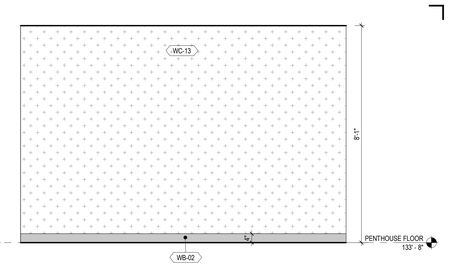
17 | INT. ELEVATION - OFFICE 4
SCALE: 1/2" = 1'-0"



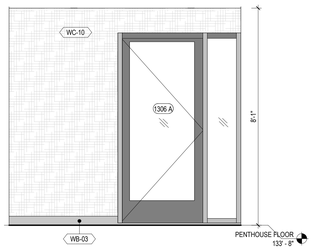
16 | INT. ELEVATION - OFFICE 3
SCALE: 1/2" = 1'-0"



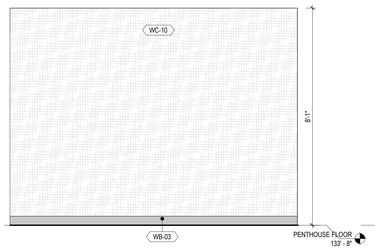
15 | INT. ELEVATION - OFFICE 2
SCALE: 1/2" = 1'-0"



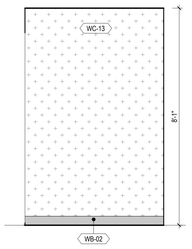
14 | INT. ELEVATION - OFFICE 1
SCALE: 1/2" = 1'-0"



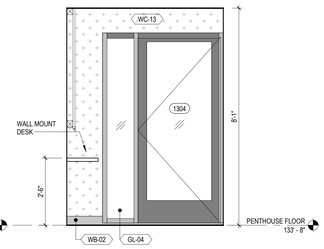
19 | INT. ELEVATION - ZOOM ROOM B
SCALE: 1/2" = 1'-0"



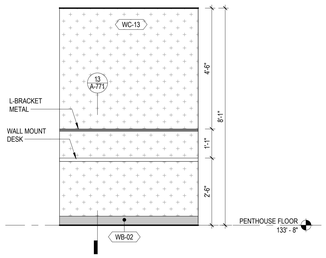
18 | INT. ELEVATION - ZOOM ROOM A
SCALE: 1/2" = 1'-0"



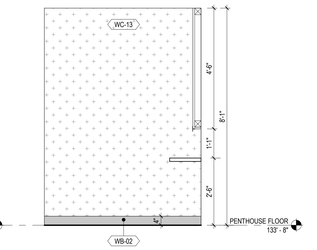
13 | INT. ELEVATION - ZOOM ROOM 4
SCALE: 1/2" = 1'-0"



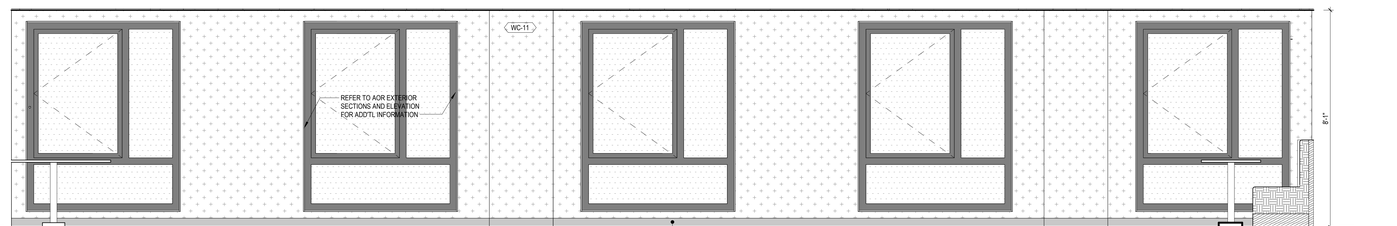
12 | INT. ELEVATION - ZOOM ROOM 3
SCALE: 1/2" = 1'-0"



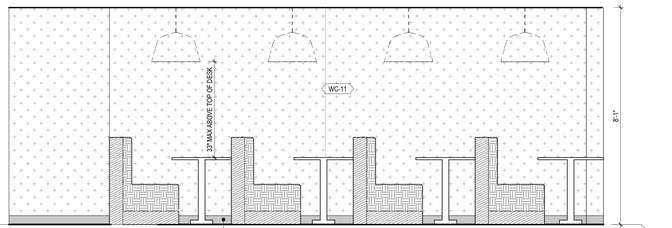
11 | INT. ELEVATION - ZOOM ROOM 2
SCALE: 1/2" = 1'-0"



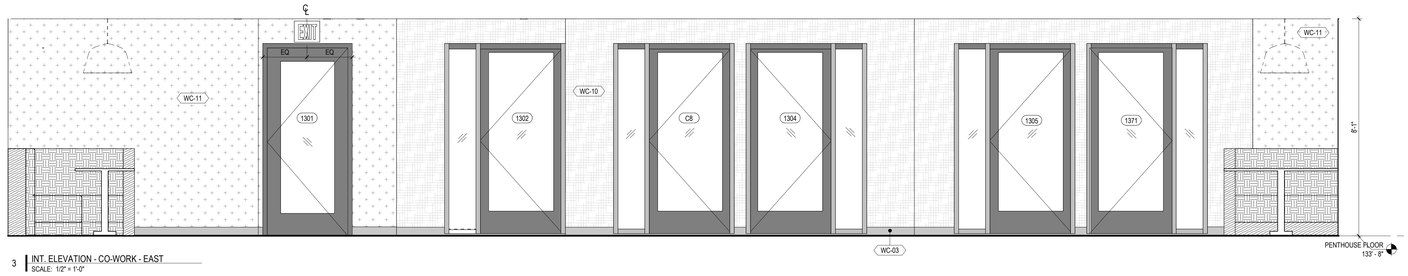
10 | INT. ELEVATION - ZOOM ROOM 1
SCALE: 1/2" = 1'-0"



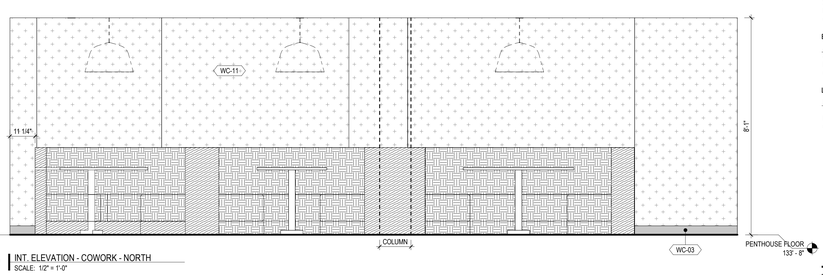
5 | INT. ELEVATION - CO-WORK - WEST
SCALE: 1/2" = 1'-0"



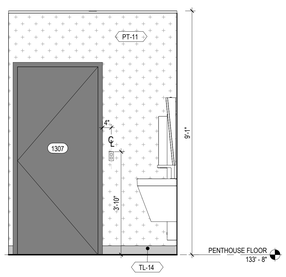
4 | INT. ELEVATION - COWORK - SOUTH
SCALE: 1/2" = 1'-0"



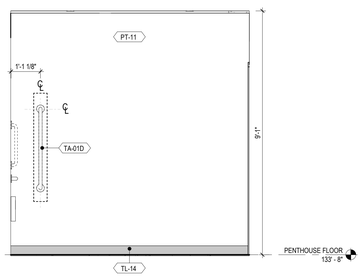
3 | INT. ELEVATION - CO-WORK - EAST
SCALE: 1/2" = 1'-0"



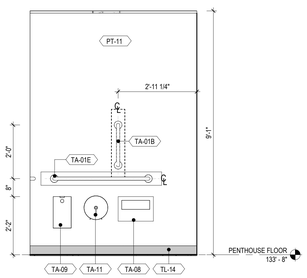
2 | INT. ELEVATION - COWORK - NORTH
SCALE: 1/2" = 1'-0"



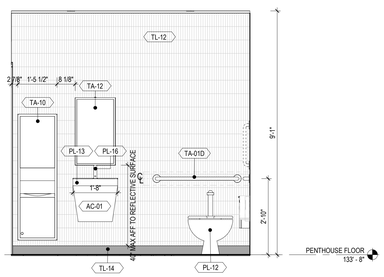
9 | INT. ELEVATION - CO-WORK 4
SCALE: 1/2" = 1'-0"



8 | INT. ELEVATION - CO-WORK 3
SCALE: 1/2" = 1'-0"



7 | INT. ELEVATION - CO-WORK 2
SCALE: 1/2" = 1'-0"



6 | INT. ELEVATION - CO-WORK 1
SCALE: 1/2" = 1'-0"

1 | AMENITIES - PENTHOUSE FLOOR ENLARGED PLAN
SCALE: 1/4" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:
350 GRAND CONCOURSE
350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:
ENLARGED INTERIOR FINISH PLANS PENTHOUSE FLOOR

SCALE: As indicated PAGE:

A-687.00

DOB SCAN STICKER

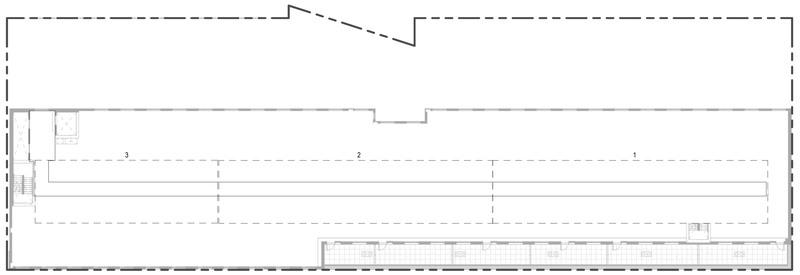
SEAL

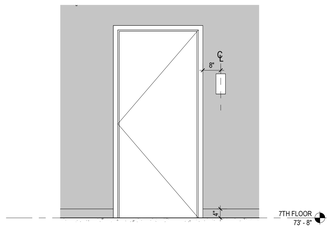
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

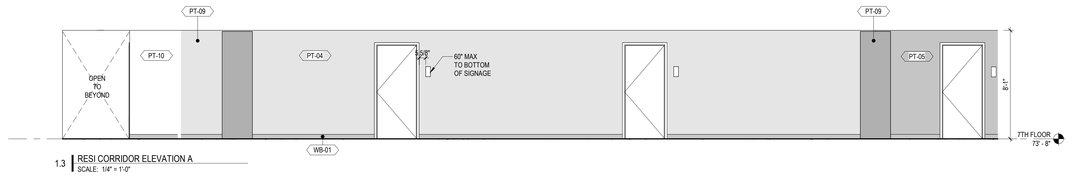
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

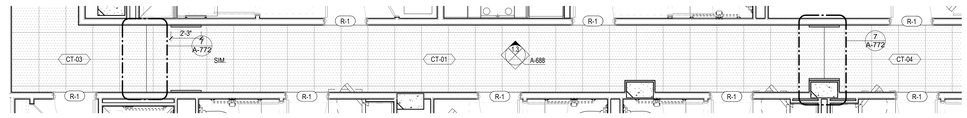
11/10/2025 6:47:21 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



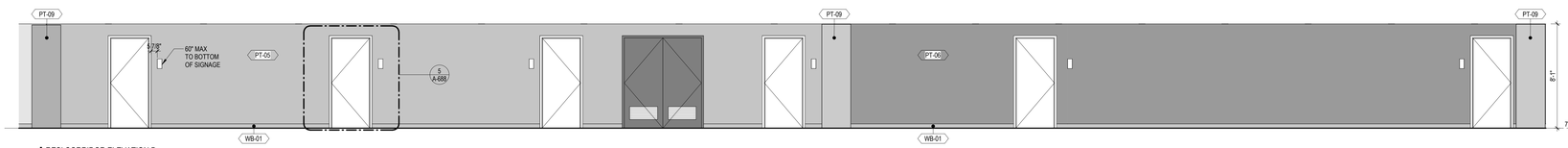




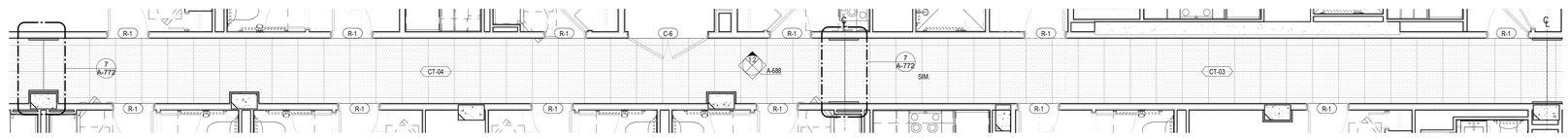
1.3 RESI CORRIDOR ELEVATION A
SCALE: 1/4" = 1'-0"



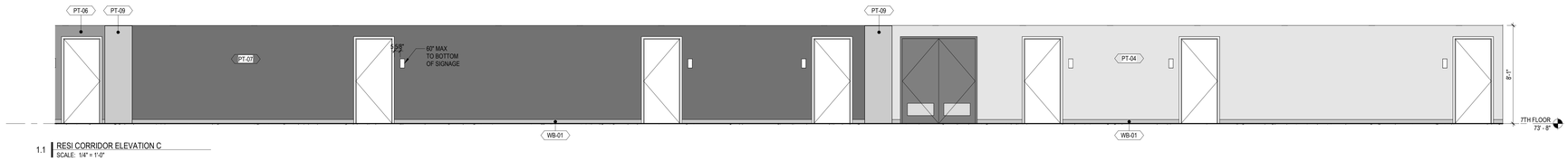
3 7TH FLOOR
SCALE: 1/4" = 1'-0"



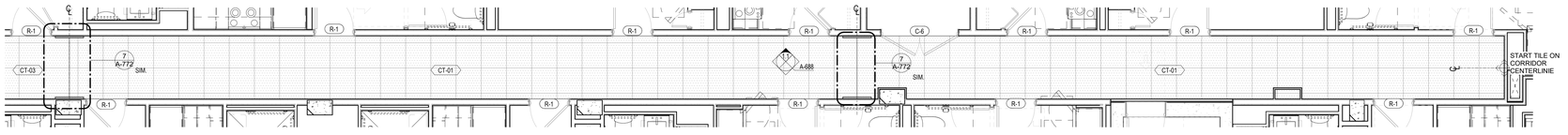
1.2 RESI CORRIDOR ELEVATION B
SCALE: 1/4" = 1'-0"



2 RESI CORRIDOR FINISH PLAN B
SCALE: 1/4" = 1'-0"

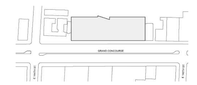


1.1 RESI CORRIDOR ELEVATION C
SCALE: 1/4" = 1'-0"



1 RESI CORRIDOR FINISH PLAN C
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENLARGED INTERIOR FINISH PLANS UNIT CORRIDOR

SCALE: As indicated PAGE:

A-688.00

DOB SCAN STICKER

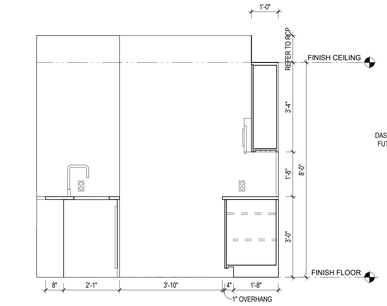
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

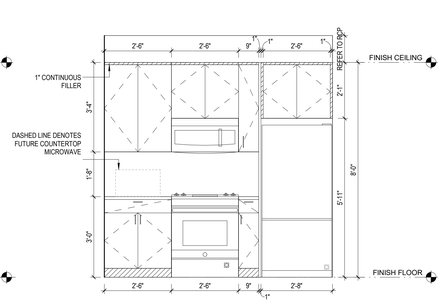
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

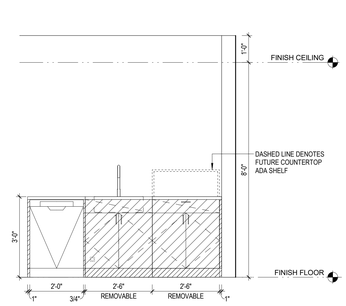
11/10/2025 6:47:21 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



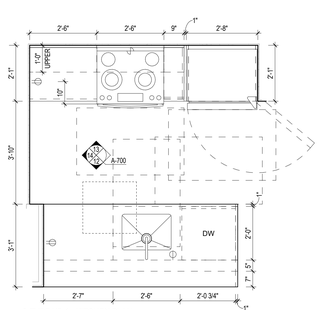
14 TYPE KP-1 - KITCHEN ELEVATION 3
SCALE: 1/2" = 1'-0"



13 TYPE KP-1 - KITCHEN ELEVATION 1
SCALE: 1/2" = 1'-0"



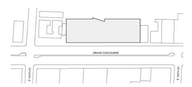
12 TYPE KP-1 - KITCHEN ELEVATION 2
SCALE: 1/2" = 1'-0"



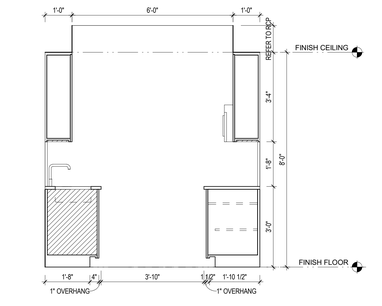
E TYPE KP-1 - KITCHEN PLAN
SCALE: 1/2" = 1'-0"

1. CARRY FLOOR, CABINET & WALL FINISHES UNDER, BEHIND AND BOTTOM OF REMOVABLE CABINETS.
2. OUTLET LOCATIONS AND HEIGHTS AFF TO BE COORDINATED WITH INTERIOR DESIGNER.
3. KITCHEN CABINET LAYOUTS TO BE COORDINATED WITH INTERIOR DESIGNER.
4. PROVIDE REINFORCING AT WALL MOUNTED SHELVES, INCLUDING FOR FUTURE INSTALLATION OF SHELF
5. SIDES OF CABINETS EXPOSED DUE TO REMOVABLE BASE CABINETS ARE TO BE FINISHED, TYP.
6. AT ISLANDS - KNEE WALL SIDE RETURN TO BE GYPSUM BOARD FINISH, PAINTED TO MATCH FRONT OF THE ISLAND. TYP FOR ALL ISLANDS WITH KNEE WALL RETURNING TO THE SHORT SIDE. SEE A-611 FOR DETAILS.
7. PROVIDE ONE USB OUTLET IN KITCHEN/BACKSPLASH WALL - TO BE ON THE SIDE CLOSEST TO LIVING AREAS, TYP. WHEN THE KITCHEN HAS AN ISLAND, USB OUTLET PREFERRED LOCATION IS ON SIDE CLOSEST TO LIVING ROOM (NOT UNDER OVERHANG). IF OVERHANG IS ON THAT SIDE, USB TO BE ON OPPOSITE SIDE, OR KITCHEN WALL
8. ALL AFFORDABLE UNIT KITCHENS TO HAVE 4" BACKSPLASH WITH SAME MATERIAL AS COUNTERTOP, TYP.
9. SEE SCHEDULE FOR FINISHES
10. ALL KITCHENETTES TO PROVIDE MECHANICAL VENTILATION AS PER 2014 NYC BC, SECTION 1203.4.1.4 AND MECHANICAL CODE SECTION 403. SEE MECHANICAL DRAWINGS
11. ALL KITCHEN TO TO PROVIDE MECHANICAL VENTILATION AS PER SECTION 7.1 OF ENTERPRISE GREEN COMMUNITIES AND MECHANICAL CODE SECTION 403. SEE MECHANICAL DRAWINGS

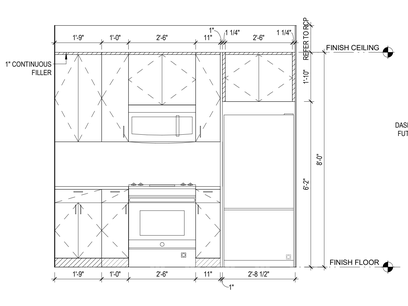
NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



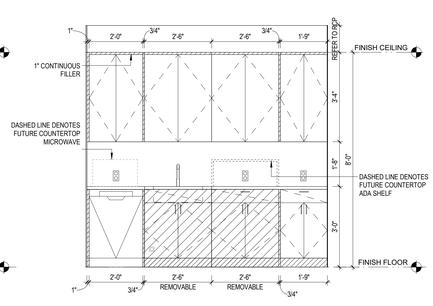
KEY PLAN



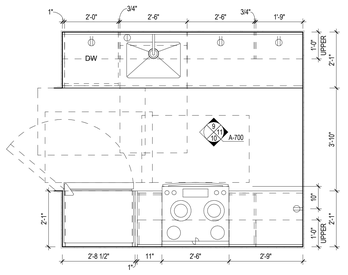
11 TYPE KG-2 - KITCHEN ELEVATION 3
SCALE: 1/2" = 1'-0"



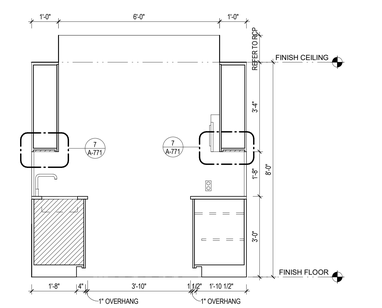
10 TYPE KG-2 - KITCHEN ELEVATION 1
SCALE: 1/2" = 1'-0"



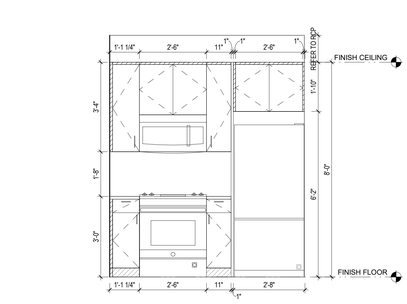
9 TYPE KG-2 - KITCHEN ELEVATION 2
SCALE: 1/2" = 1'-0"



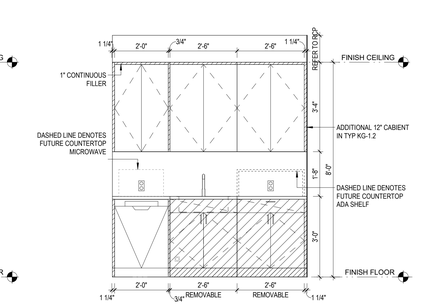
D TYPE KG-2 - KITCHEN PLAN
SCALE: 1/2" = 1'-0"



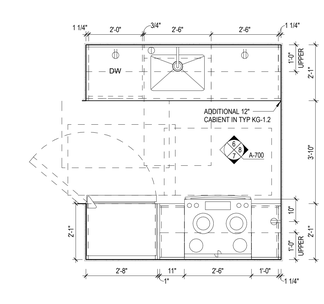
8 TYPE KG-1 - KITCHEN ELEVATION 3
SCALE: 1/2" = 1'-0"



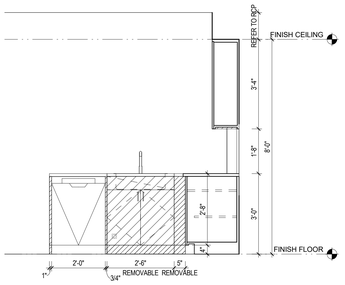
7 TYPE KG-1 - KITCHEN ELEVATION 1
SCALE: 1/2" = 1'-0"



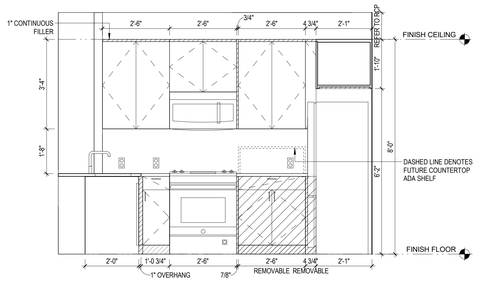
6 TYPE KG-1 - KITCHEN ELEVATION 2
SCALE: 1/2" = 1'-0"



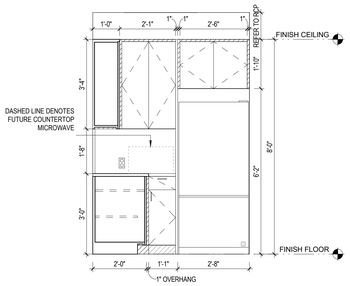
C TYPE KG-1 - KITCHEN PLAN
SCALE: 1/2" = 1'-0"



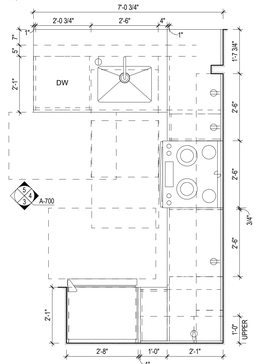
5 TYPE KU-1 - KITCHEN ELEVATION 2
SCALE: 1/2" = 1'-0"



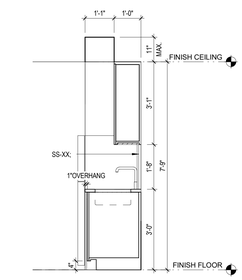
4 TYPE KU-1 - KITCHEN ELEVATION 4
SCALE: 1/2" = 1'-0"



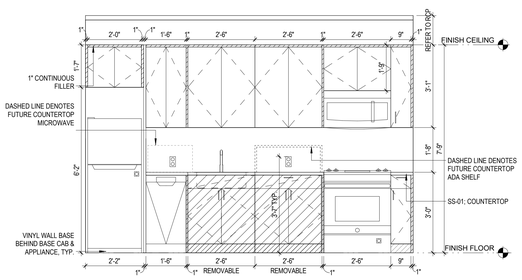
3 TYPE KU-1 - KITCHEN ELEVATION 3
SCALE: 1/2" = 1'-0"



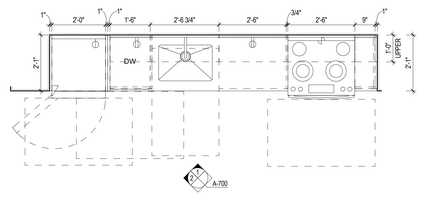
B TYPE KU-1 - KITCHEN PLAN
SCALE: 1/2" = 1'-0"



2 TYPE KS-1 ELEVATION 2
SCALE: 1/2" = 1'-0"



1 TYPE KS-1 - KITCHEN ELEVATION 1
SCALE: 1/2" = 1'-0"



A TYPE KS-1 - KITCHEN PLAN
SCALE: 1/2" = 1'-0"

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENLARGED KITCHEN PLANS AND ELEVATIONS

SCALE: As indicated PAGE: 73 OF 75

A-700.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 10:05:53 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

GENERAL BATHROOM NOTES:

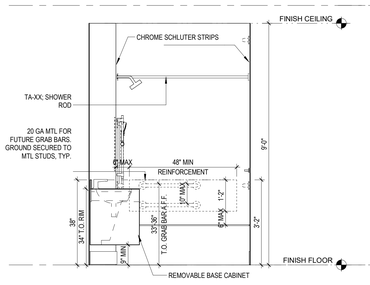
1. ALL BATHROOMS TO PROVIDE MECHANICAL VENTILATION AS PER 2022 NYC BC, SECTION 1203.4.1.4 AND MECHANICAL CODE SECTION 403. SEE MECHANICAL DRAWINGS NOTES.
2. 20 G.A. MTL. FOR FUTURE GRAB BARS, GROUND SECURED TO MULTIPLE STUDS.
3. TOILET FLUSH CONTROLS SHALL COMPLY WITH SECTION 309. HAND OPERATED FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.
4. 28.2-P102.8.3.1 FIXED SIDE WALL GRAB BARS. FIXED SIDE WALL GRAB BARS SHALL BE 42 INCHES (1067 MM) MINIMUM IN LENGTH, LOCATED 12 INCHES (305 MM) MAXIMUM FROM THE REAR WALL AND EXTENDING 54 INCHES (1372 MM) MINIMUM FROM THE REAR WALL. IN ADDITION, A VERTICAL GRAB BAR 18 INCHES (457 MM) MINIMUM IN LENGTH SHALL BE MOUNTED WITH THE BOTTOM OF THE BAR LOCATED BETWEEN 39 INCHES (991 MM) AND 41 INCHES (1041 MM) ABOVE THE FLOOR, AND WITH THE CENTER OF THE BAR LOCATED AT 30 INCHES (762 MM) FROM THE REAR WALL.

   EXCEPTION: WHERE A SIDE WALL IS NOT AVAILABLE FOR A 42-INCH (1067 MM) GRAB BAR, THE SIDEWALL GRAB BAR SHALL BE PERMITTED TO BE 24 INCHES (610 MM) MINIMUM IN LENGTH, LOCATED 12 INCHES (305 MM) MAXIMUM FROM THE REAR WALL.
5. 28.2-P102.3 DOORS. DOORS SHALL COMPLY WITH SECTION 28.2-1107.2.1. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR OR GROUND SPACE OR CLEARANCE FOR ANY FIXTURE.

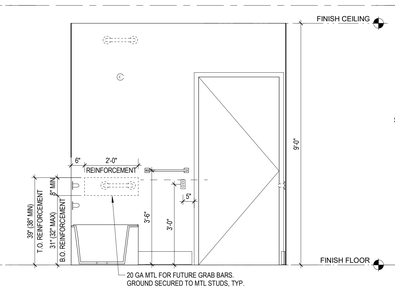
   EXCEPTION: DOORS MAY SWING INTO THE CLEAR FLOOR OR GROUND SPACE OR CLEARANCES FOR FIXTURES WHERE A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH SECTION 305.3 OF ICC A117.1 IS PROVIDED WITHIN THE ROOM, BEYOND THE ARC OF THE DOOR SWING.
6. 28.2-P102.4 KNEE AND TOE CLEARANCE. CLEAR FLOOR SPACE AT FIXTURES SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCES COMPLYING WITH SECTION 306 OF ICC A117.1.
7. 28.2-P102.5 OVERLAP. CLEAR FLOOR OR GROUND SPACES AND CLEARANCES ARE PERMITTED TO OVERLAP.

THESE NOTES APPLY TO ALL BATHROOMS IN RESIDENTIAL UNITS AND AMENITIES:

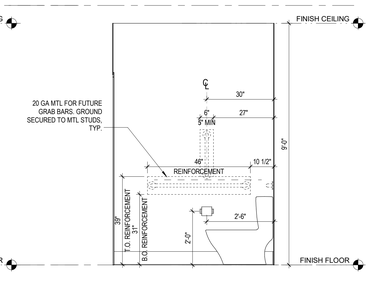
- REFER TO MEP CONSULTANT FOR ALL MECHANICAL / ELECTRICAL LOCATIONS, EQUIPMENT, WIRING DIAGRAMS & ZONING INFORMATION, ETC.
- REFER TO LIGHTING CONSULTANT SCHEDULE FOR LIGHTING SPECS. GC TO PROVIDE SUPPORT FOR SUSPENDED LIGHT FIXTURES AS REQUIRED. LIGHTING CONSULTANT TO PROVIDE ALL LIGHT FIXTURE WEIGHTS WHERE CEILING SUPPORT IS REQUIRED.
- REFER TO MASTER FFE SCHEDULE FOR SPECIFICATIONS



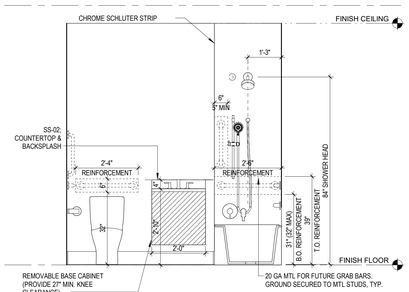
12 TYPE B-1B - BATHROOM ELEVATION 4
SCALE: 1/2" = 1'-0"



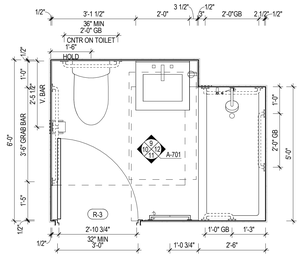
11 TYPE B-1B - BATHROOM ELEVATION 3
SCALE: 1/2" = 1'-0"



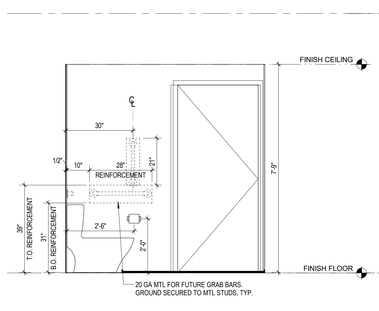
10 TYPE B-1B - BATHROOM ELEVATION 2
SCALE: 1/2" = 1'-0"



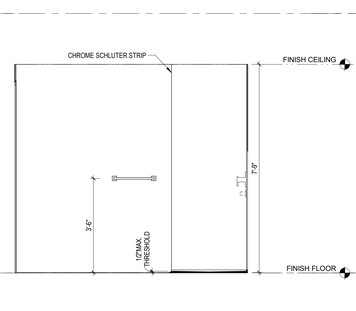
9 TYPE B-1B - BATHROOM ELEVATION 1
SCALE: 1/2" = 1'-0"



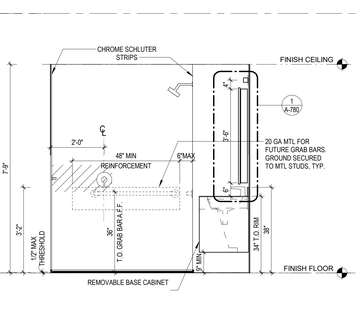
C TYPE B-1B
SCALE: 1/2" = 1'-0"



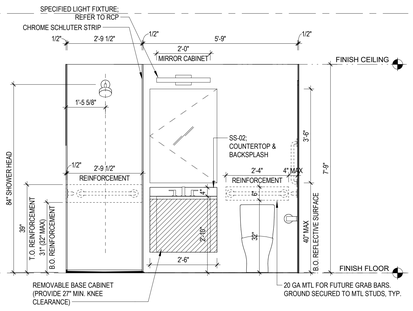
8 TYPE B-2A - BATHROOM ELEVATION 4
SCALE: 1/2" = 1'-0"



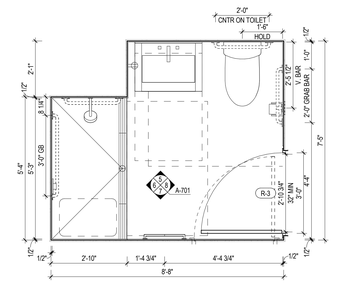
7 TYPE B-2A - BATHROOM ELEVATION 3
SCALE: 1/2" = 1'-0"



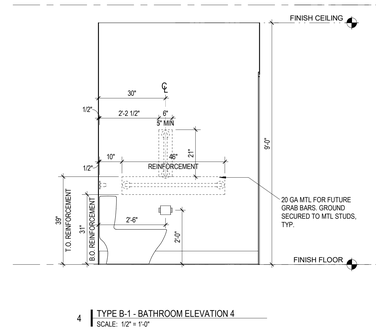
6 TYPE B-2A - BATHROOM ELEVATION 2
SCALE: 1/2" = 1'-0"



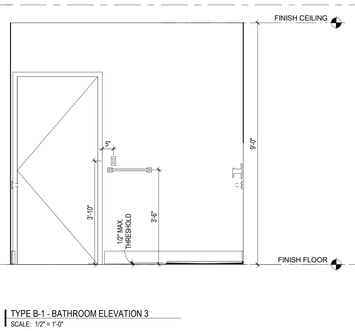
5 TYPE B-2A - BATHROOM ELEVATION 1
SCALE: 1/2" = 1'-0"



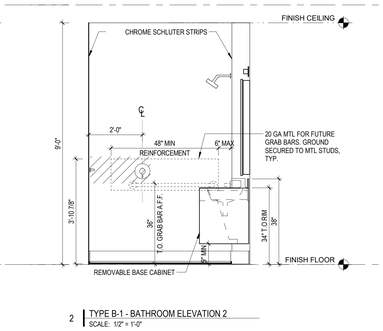
B TYPE B-2A - BATHROOM PLAN
SCALE: 1/2" = 1'-0"
DASHED DOOR REFLECTS TYPE B-2A.1



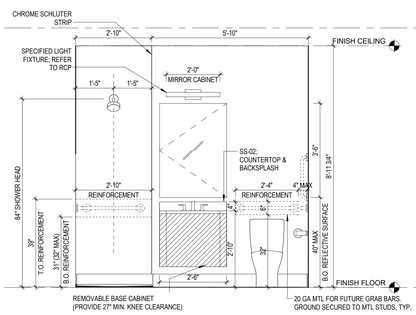
4 TYPE B-1 - BATHROOM ELEVATION 4
SCALE: 1/2" = 1'-0"



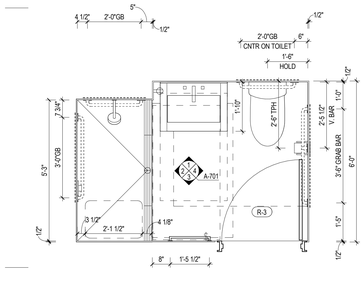
3 TYPE B-1 - BATHROOM ELEVATION 3
SCALE: 1/2" = 1'-0"



2 TYPE B-1 - BATHROOM ELEVATION 2
SCALE: 1/2" = 1'-0"

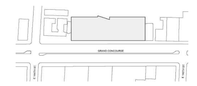


1 TYPE B-1 - BATHROOM ELEVATION 1
SCALE: 1/2" = 1'-0"



A TYPE B-1A - BATHROOM PLAN
SCALE: 1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
E	08.29.2025	DOB NB ISSUANCE
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ENLARGED BATHROOM PLANS AND ELEVATIONS

SCALE: As indicated PAGE: 74 OF 75

A-701.00

DOB SCAN STICKER

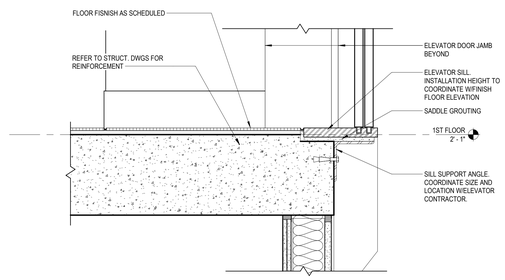
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

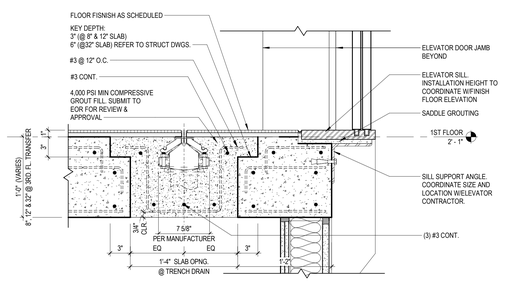
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

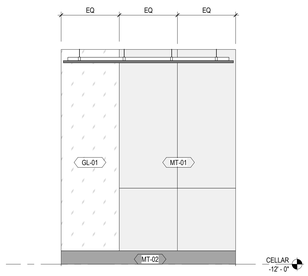
11/10/2025 8:22:13 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



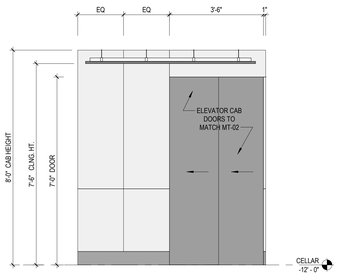
15 SECTION - ELEVATOR SILL DETAIL
SCALE: 1 1/2" = 1'-0"



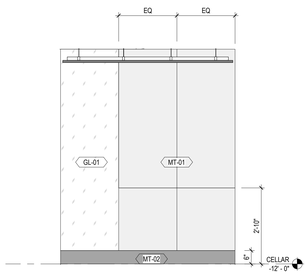
14 SECTION - FSAE ELEVATOR TRENCH DRAIN DETAIL
SCALE: 1 1/2" = 1'-0"



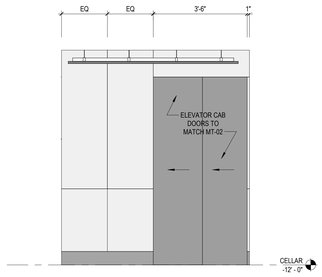
11 PE1 ELEVATION NORTH
SCALE: 1/2" = 1'-0"



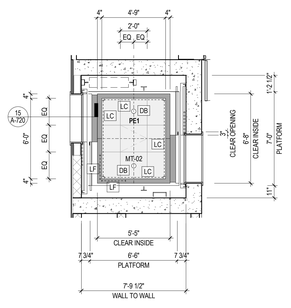
12 PE1 ELEVATION WEST
SCALE: 1/2" = 1'-0"



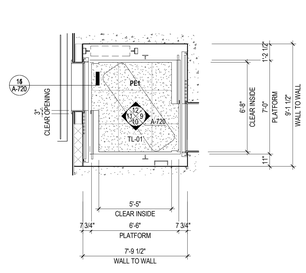
10 PE1 ELEVATION SOUTH
SCALE: 1/2" = 1'-0"



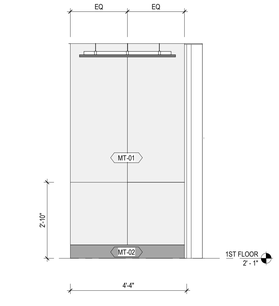
9 PE1 ELEVATION EAST
SCALE: 1/2" = 1'-0"



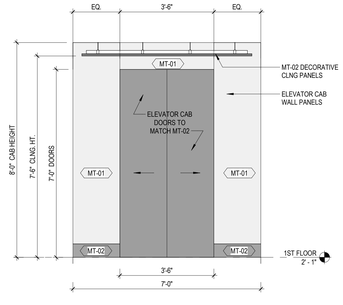
13 ENLARGED ELEVATOR PE1 RCP PLAN
SCALE: 1/4" = 1'-0"



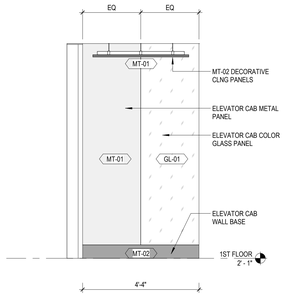
8 ENLARGED ELEVATOR PE1 PLAN
SCALE: 1/4" = 1'-0"



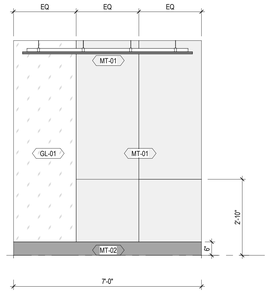
6 PE-2 & PE-3 ELEVATION WEST
SCALE: 1/2" = 1'-0"



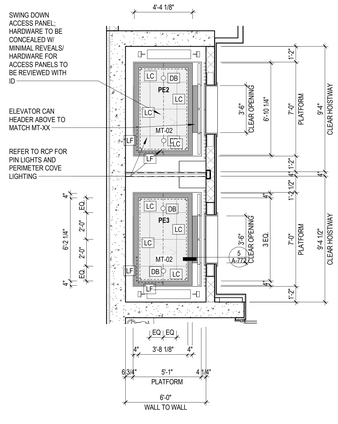
5 PE-2 & PE-3 ELEVATION SOUTH
SCALE: 1/2" = 1'-0"



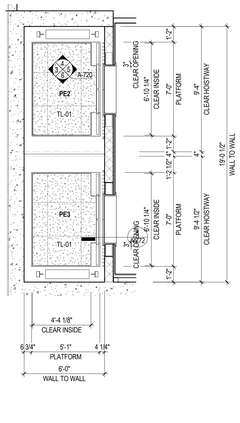
4 PE-2 & PE-3 ELEVATION EAST
SCALE: 1/2" = 1'-0"



3 PE-2 & PE-3 ELEVATION NORTH
SCALE: 1/2" = 1'-0"

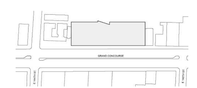


ENLARGED ELEVATOR PE2 & PE3 RCP PLAN - 1ST FLOOR
SCALE: 1/4" = 1'-0"



1 ENLARGED ELEVATOR PE2 & PE3 PLAN - 1ST FLOOR
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192259-I1

DRAWING TITLE:

ELEVATOR CAB PLANS, ELEV. AND DETAILS

SCALE: As indicated PAGE:

A-720.00

DOB SCAN STICKER

SEAL

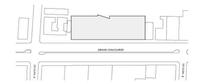
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 6:47:27 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

TYPICAL CEILING DETAILS

SCALE: 1 1/2" = 1'-0" PAGE: 114 OF 141

A-750.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

6 CEILING SECTION - ACCESS PANEL
SCALE: 1 1/2" = 1'-0"

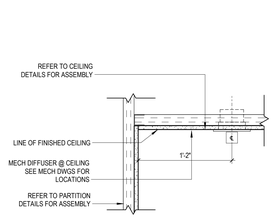
5 CEILING SECTION - SOFFIT
SCALE: 1 1/2" = 1'-0"

4 CEILING SECTION - COVE LIGHT 4
SCALE: 1 1/2" = 1'-0"

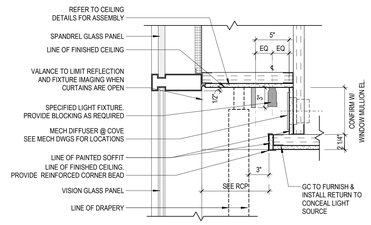
3 CEILING SECTION - COVE LIGHT 3
SCALE: 1 1/2" = 1'-0"

2 CEILING SECTION - COVE LIGHT 2
SCALE: 1 1/2" = 1'-0"

1 CEILING SECTION - COVE LIGHT 1
SCALE: 1 1/2" = 1'-0"



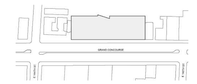
8 CEILING SECTION - LINEAR DIFFUSERS @ ELEVATOR LOBBY 2ND FLOOR
SCALE: 1 1/2" = 1'-0"



7 CEILING SECTION - COVE LIGHT @ DRAPERY WALL
SCALE: 1 1/2" = 1'-0"

11/10/2025 6:47:28 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

TYPICAL INTERIOR DETAILS

SCALE: 3" = 1'-0" PAGE: 115 OF 141

A-760.00

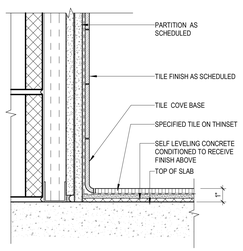
DOB SCAN STICKER

SEAL

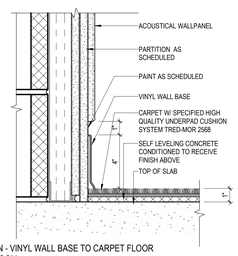
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

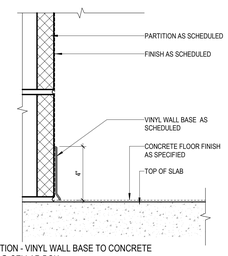
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC



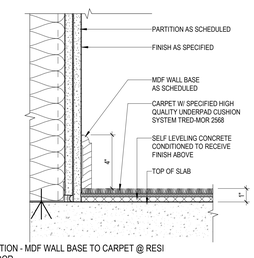
6 TRANSITION - WALL TILE TO FLOR TILE @ PET SPA
SCALE: 3" = 1'-0"



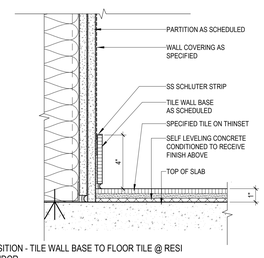
5 TRANSITION - VINYL WALL BASE TO CARPET FLOOR @ MUSIC ROOM
SCALE: 3" = 1'-0"



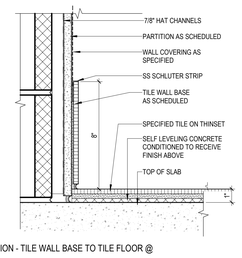
4 TRANSITION - VINYL WALL BASE TO CONCRETE FLOOR @ CELLAR BOH
SCALE: 3" = 1'-0"



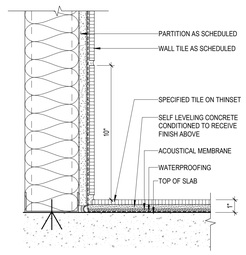
3 TRANSITION - MDF WALL BASE TO CARPET @ RESI CORRIDOR
SCALE: 3" = 1'-0"



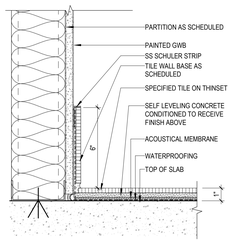
2 TRANSITION - TILE WALL BASE TO FLOOR TILE @ RESI CORRIDOR
SCALE: 3" = 1'-0"



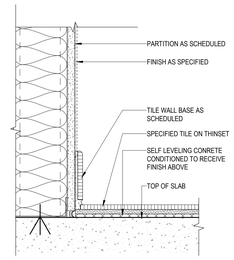
1 TRANSITION - TILE WALL BASE TO TILE FLOOR @ LOBBY
SCALE: 3" = 1'-0"



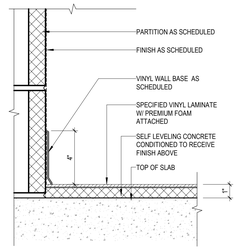
10 TRANSITION - TILE BASE @ UNIT BATHROOM BASE
SCALE: 3" = 1'-0"



TRANSITION - TILE BASE @ UNIT BATHROOM BASE SECTION
SCALE: 3" = 1'-0"

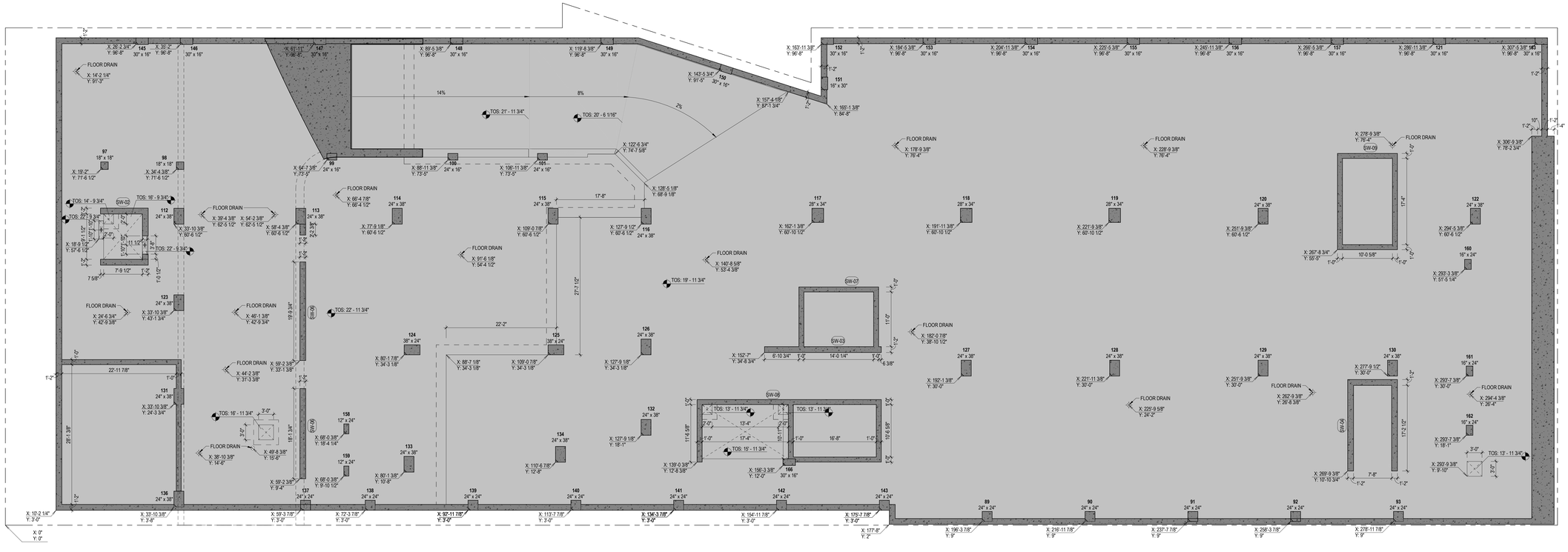


8 TRANSITION - TILE BASE TO TILE @ MAILROOM
SCALE: 3" = 1'-0"



7 TRANSITION - VINYL WALL BASE TO LVT TILE
SCALE: 3" = 1'-0"

11/10/2025 6:47:30 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



1 CELLAR SLAB EDGE/MASONRY PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

CELLAR - SLAB EDGE PLAN

SCALE: 1/8" = 1'-0" PAGE: 118 OF 141

A-800.00

DOB SCAN STICKER

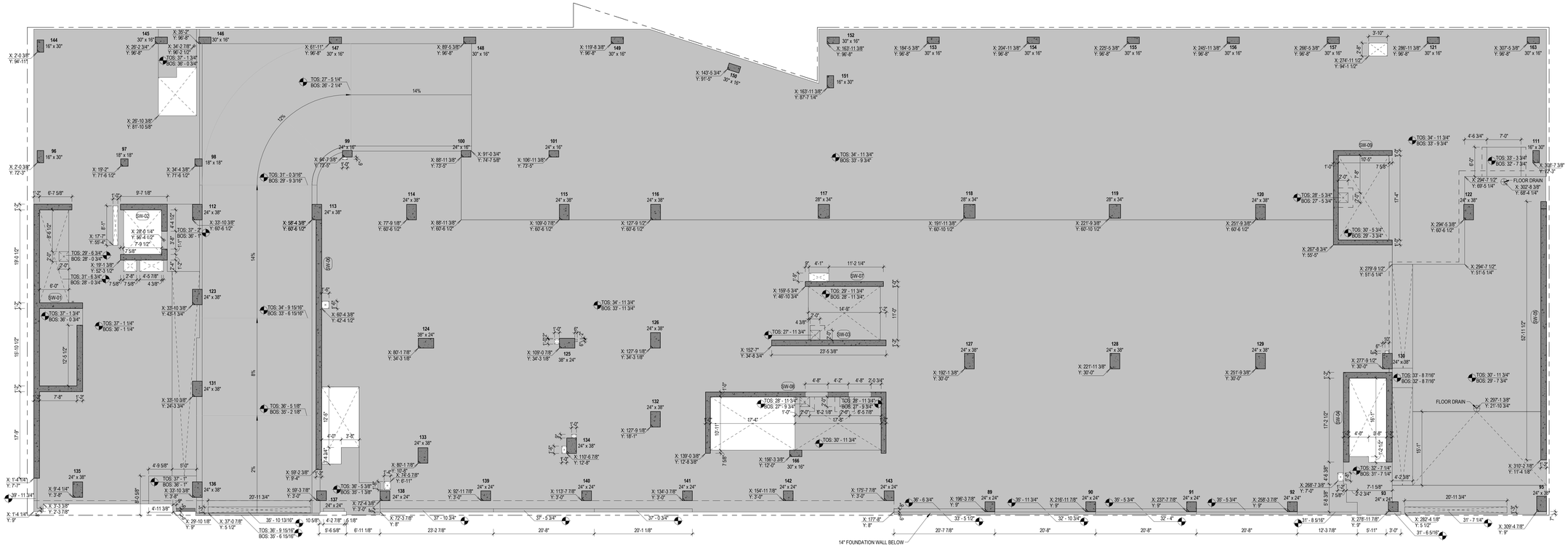
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

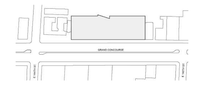
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 12:32:34 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



1 1ST FLOOR SLAB EDGE/MASONRY PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

1ST FLOOR - SLAB EDGE PLAN

SCALE: 1/8" = 1'-0" PAGE: 119 OF 141

A-801.00

DOB SCAN STICKER

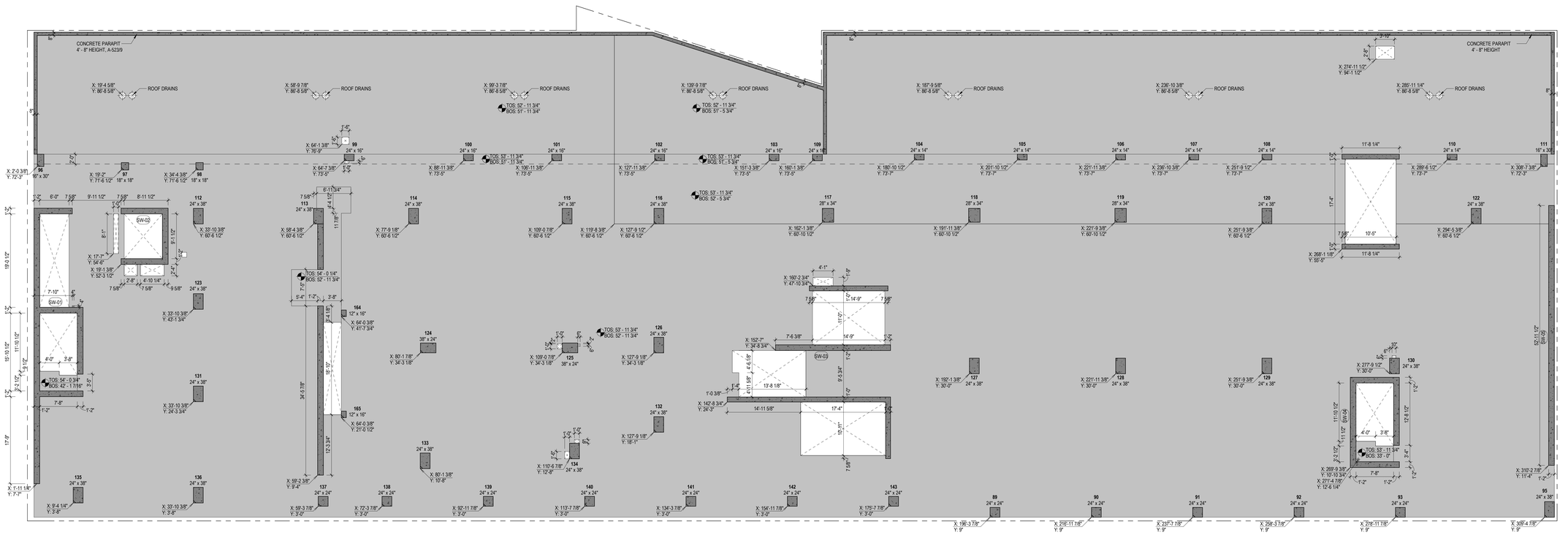
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/10/2025 4:39:39 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



1 2ND FLOOR SLAB EDGE/MASONRY PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X012192591-I1

DRAWING TITLE:

2ND FLOOR - SLAB EDGE PLAN

SCALE: 1/8" = 1'-0" PAGE: 120 OF 141

A-802.00

DOB SCAN STICKER

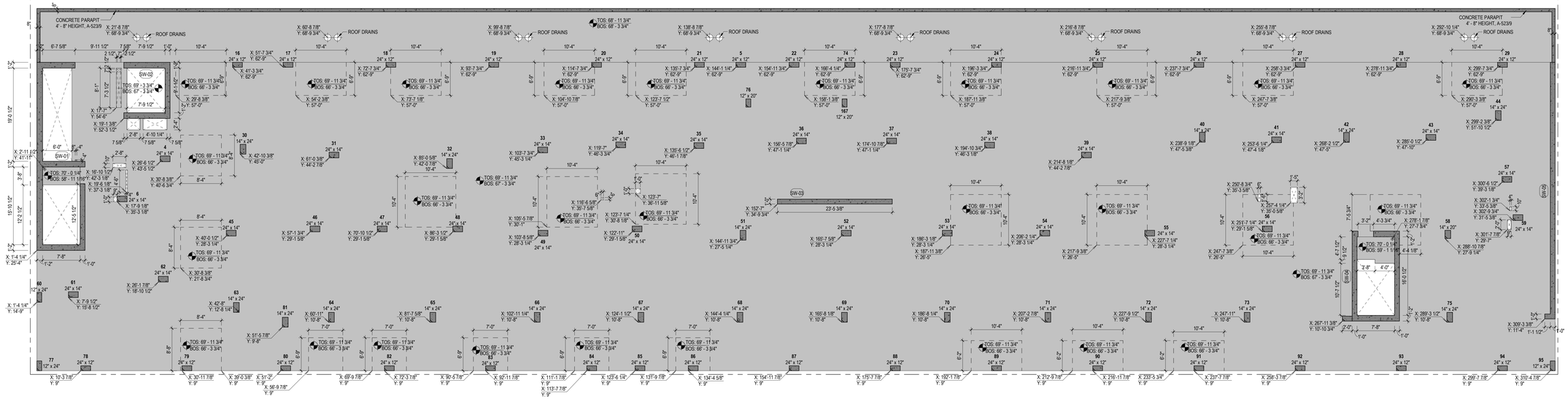
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

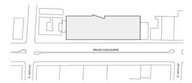
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 12:32:38 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt


CONCRETE PARAPIT
4' - 8" HEIGHT, A-523/9
ROOF DRAINS
SW-01
SW-02
SW-03
SW-04
SW-05
TOS: 69' - 11 3/4"
BOS: 66' - 3 3/4"
TOS: 70' - 0 1/4"
BOS: 59' - 11 1/16"
TOS: 69' - 11 3/4"
BOS: 67' - 3 3/4"
TOS: 72' - 0 1/4"
BOS: 59' - 1 1/16"
TOS: 69' - 11 3/4"
BOS: 67' - 3 3/4"
TOS: 69' - 11 3/4"
BOS: 67' - 3 3/4"
TOS: 69' - 11 3/4"
BOS: 66

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

1 4TH FLOOR SLAB EDGE/MASONRY PLAN
SCALE: 1/8" = 1'-0"

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

4RD - 6TH FLOOR - SLAB EDGE PLAN

SCALE: 1/8" = 1'-0" PAGE: 120 OF 141

A-804.00

DOB SCAN STICKER

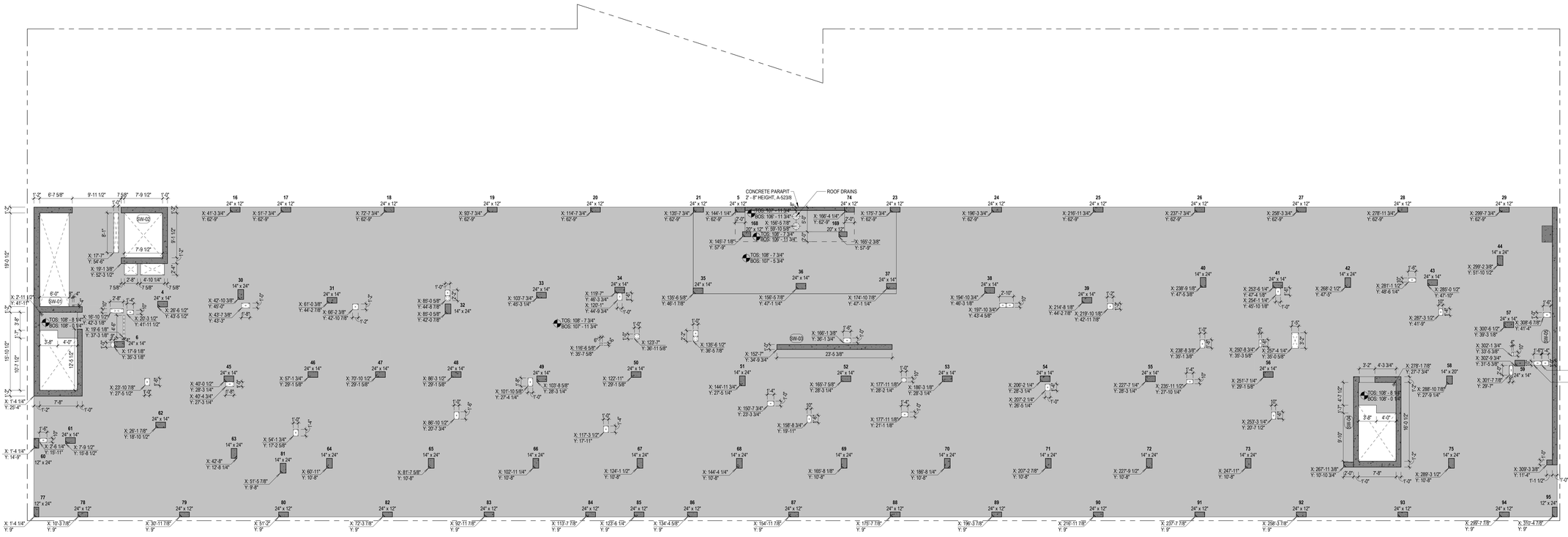
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 12:32:42 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



1 7TH FLOOR SLAB EDGE/MASONRY PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212)-964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

7TH - 9TH FLOOR - SLAB EDGE PLAN

SCALE: 1/8" = 1'-0" PAGE: 120 OF 141

A-805.00

DOB SCAN STICKER

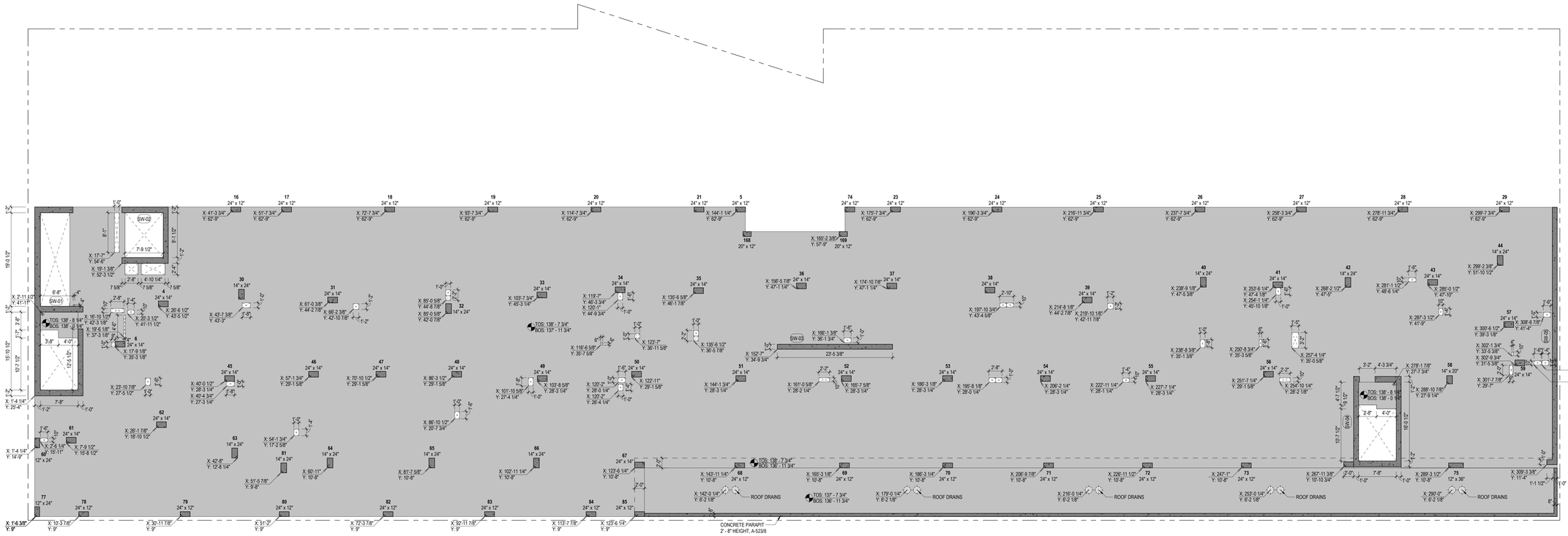
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 12:32:44 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



1 10TH FLOOR SLAB EDGE/MASONRY PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

10TH-11TH FLOOR - SLAB EDGE PLAN

SCALE: 1/8" = 1'-0" PAGE:

A-806.00

DOB SCAN STICKER

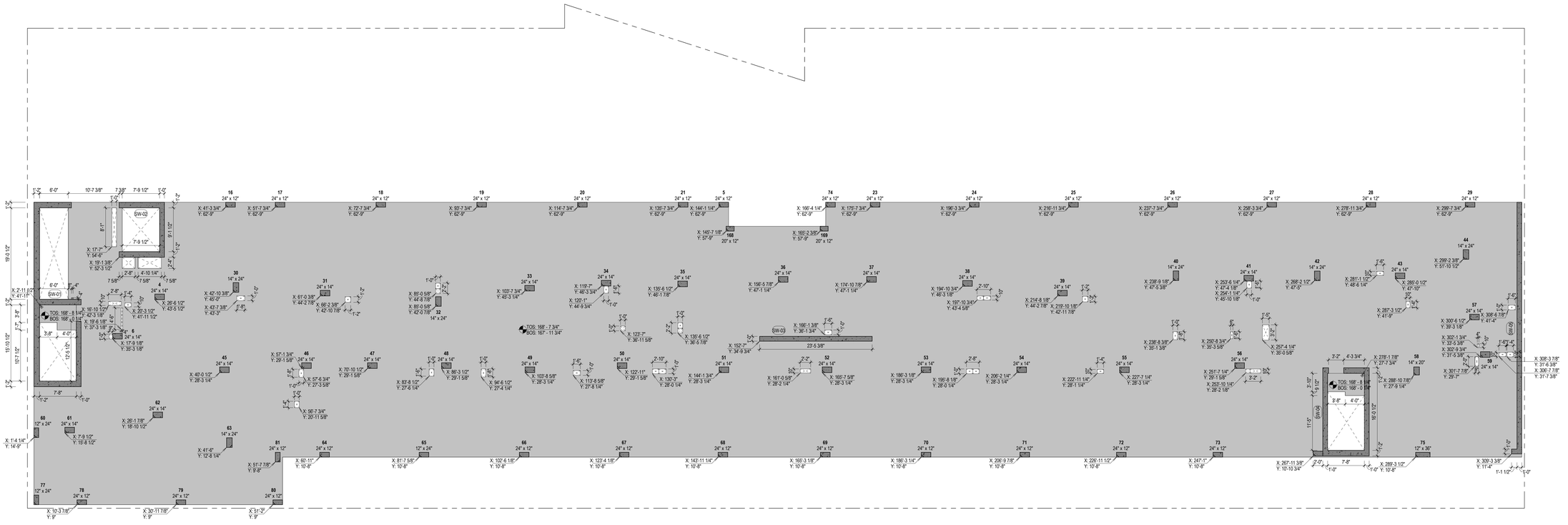
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

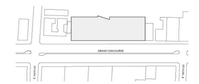
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 12:32:46 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



1 PENTHOUSE FLOOR SLAB EDGE/MASONRY PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

PENTHOUSE FLOOR - SLAB EDGE PLAN

SCALE: 1/8" = 1'-0" PAGE:

A-808.00

DOB SCAN STICKER

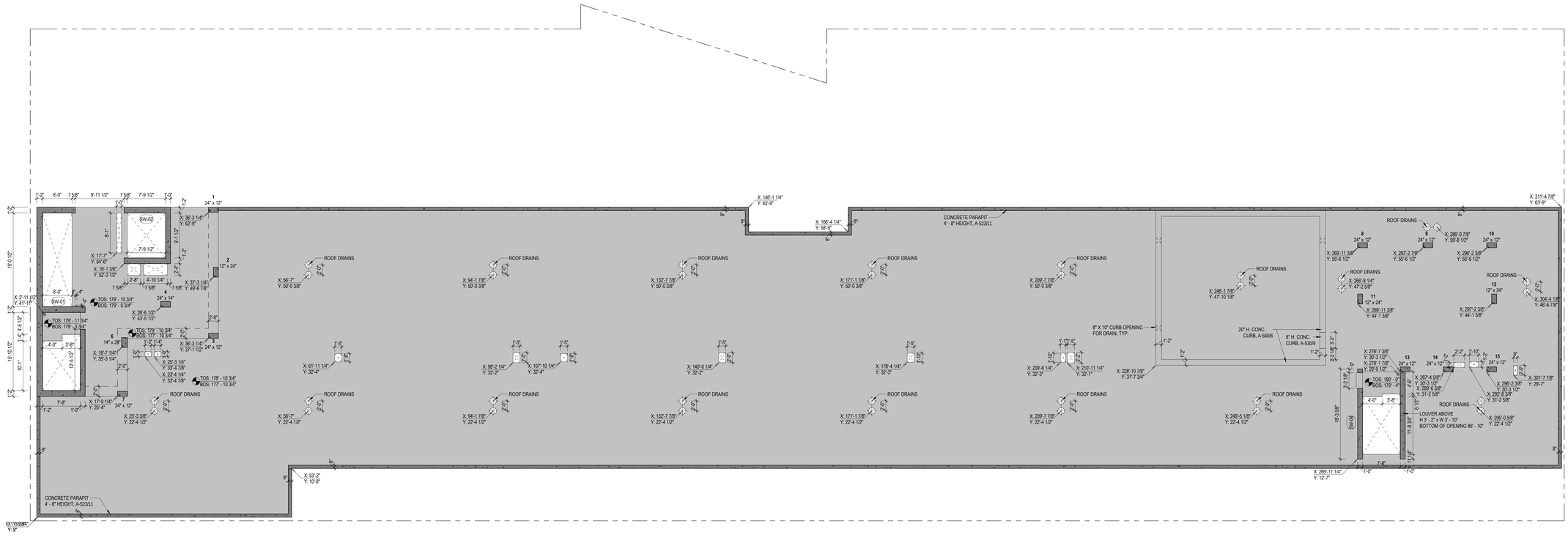
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

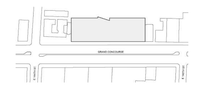
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 12:32:50 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



1 ROOF SLAB EDGE/MASONRY PLAN
SCALE: 1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

ROOF - SLAB EDGE PLAN

SCALE: 1/8" = 1'-0" PAGE:

A-809.00

DOB SCAN STICKER

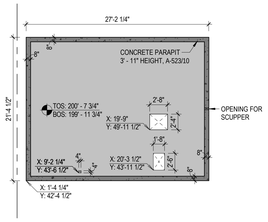
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

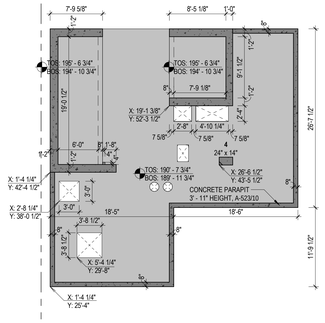
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

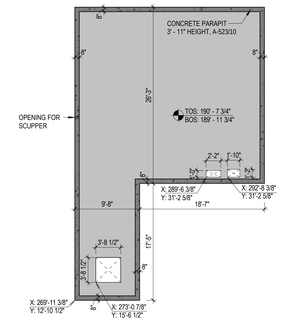
11/10/2025 4:38:38 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt



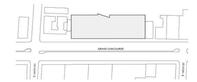
2 EMR ROOF SLAB EDGE/MASONRY PLAN
SCALE: 1/8" = 1'-0"



1 BULKHEAD ROOF SLAB EDGE/MASONRY PLAN
SCALE: 1/8" = 1'-0"



NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:

BULKHEAD - SLAB EDGE PLAN

SCALE: 1/8" = 1'-0" PAGE:

A-810.00

DOB SCAN STICKER

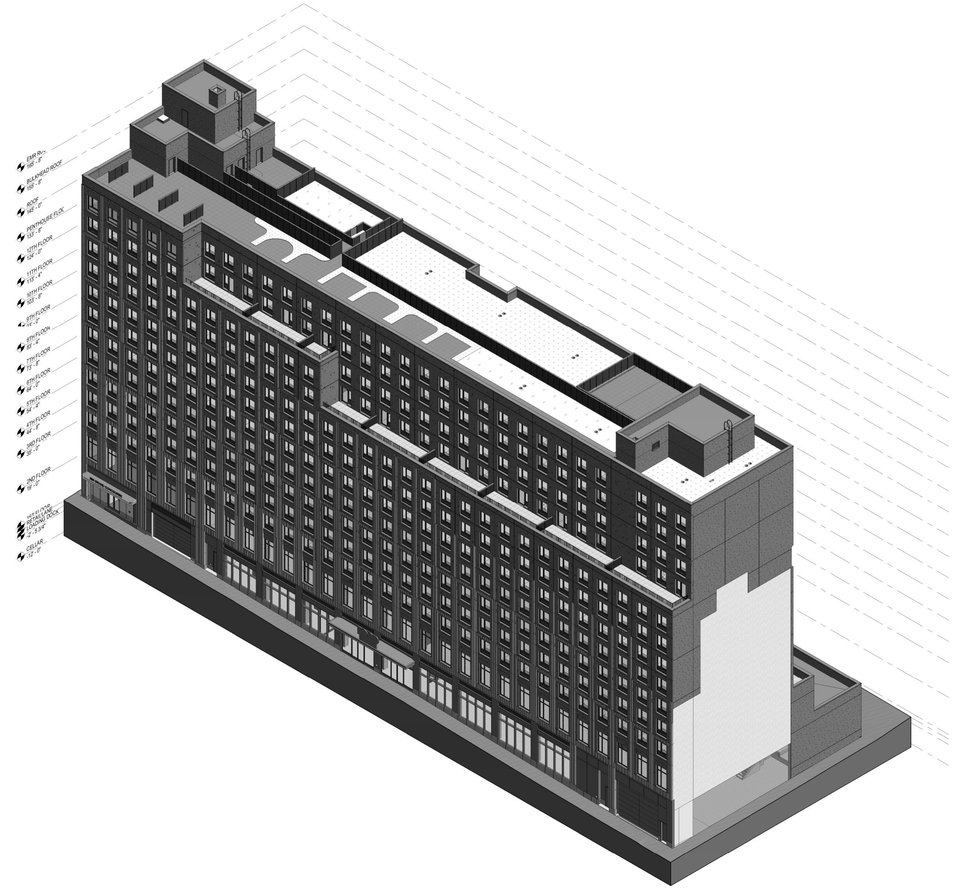
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

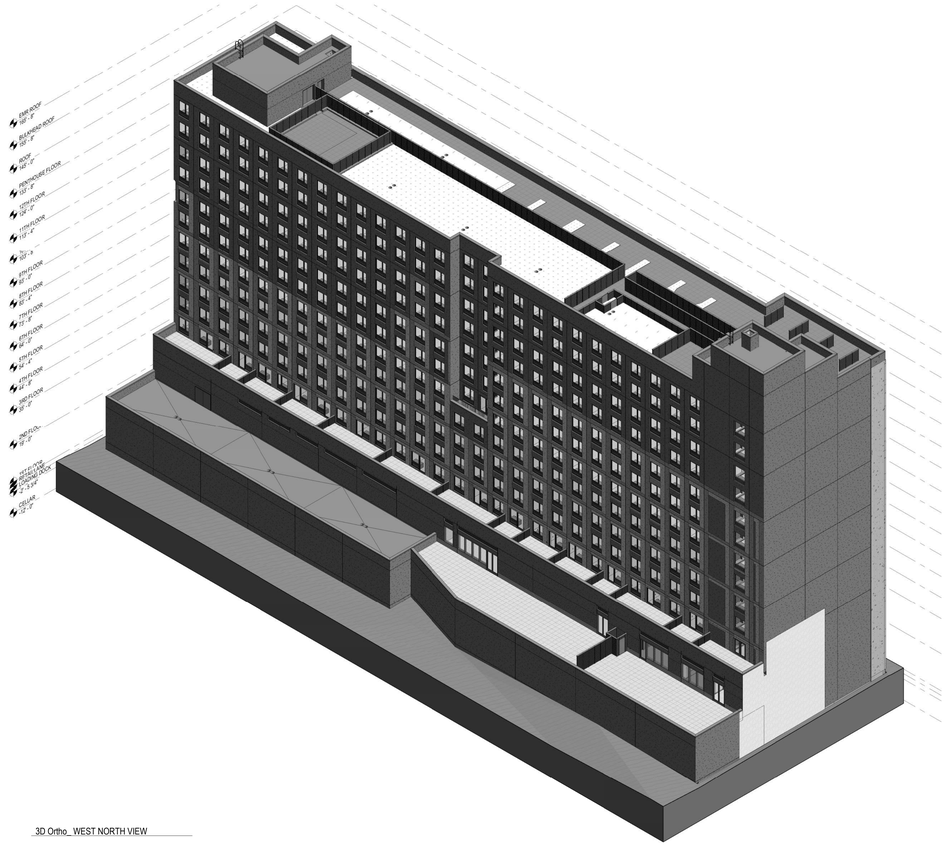
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 12:32:51 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

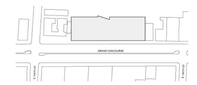


3D Ortho_ EAST WEST VIEW



3D Ortho_ WEST NORTH VIEW

NO	DATE	ISSUANCES / REVISIONS
G	11.07.2025	CONSTRUCTION DOCUMENTS
D	08.15.2025	50% CD ISSUANCE
C	05.02.2025	DESIGN DEVELOPMENT
B	04.07.2025	65% DD ISSUANCE
A	03.24.2025	50% DD PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696–1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: 66520.00

DOB NO: X01219259-I1

DRAWING TITLE:
3D VIEWS

SCALE:

A-900.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/7/2025 12:50:10 PM
Autodesk Docs://350 Grand Concourse/Arch_2024_66520_350 Grand Concourse_Building.rvt

DRAWING INDEX

S-001	.00	GENERAL NOTES
S-002	.00	DESIGN CRITERIA
FO-001	.00	FOUNDATION GENERAL NOTES AND TYPICAL DETAILS 1
FO-002	.00	FOUNDATION TYPICAL DETAILS 2
FO-003	.00	FOUNDATION TYPICAL DETAILS 3
FO-004	.00	FOUNDATION TYPICAL DETAILS 4
FO-005	.00	FOUNDATION TYPICAL DETAILS 5
FO-006	.00	FLOOD MAPS
FO-101	.00	FOUNDATION & CELLAR FRAMING PLAN
FO-201	.00	FOUNDATION SECTIONS
S-003	.00	TYPICAL DETAILS 1
S-004	.00	TYPICAL DETAILS 2
S-005	.00	TYPICAL DETAILS 3
S-006	.00	TYPICAL DETAILS 4
S-007	.00	FLOOD MAPS
S-101	.00	1ST FLOOR FRAMING PLAN
S-102	.00	2ND FLOOR FRAMING PLAN
S-103	.00	3RD FLOOR FRAMING PLAN - BOTTOM REINFORCEMENT
S-104	.00	3RD FLOOR FRAMING PLAN - TOP REINFORCEMENT
S-105	.00	3RD FLOOR FRAMING PLAN - SHEAR REINFORCEMENT
S-106	.00	4TH - 9TH FLOOR FLOOR FRAMING PLAN
S-108	.00	11TH FLOOR FRAMING PLAN
S-107	.00	10TH FLOOR FRAMING PLAN
S-109	.00	12TH FLOOR FRAMING PLAN
S-110	.00	PENTHOUSE FRAMING PLAN
S-111	.00	ROOF FRAMING PLAN
S-112	.00	BULKHEAD FRAMING PLAN
S-113	.00	RAMP FRAMING PART PLAN
S-201	.00	SECTIONS
S-301	.00	COLUMN SCHEDULES 1
S-302	.00	COLUMN SCHEDULES 2
S-303	.00	SCHEDULES
S-401	.00	SHEAR WALL DETAILS AND PART PLANS 1
S-402	.00	SHEAR WALL PART PLANS 2
S-600	.00	FOUNDATION DIMENSIONAL PLAN
S-601	.00	1ST FLOOR DIMENSIONAL PLAN
S-602	.00	2ND FLOOR DIMENSIONAL PLAN
S-603	.00	3RD FLOOR DIMENSIONAL PLAN
S-604	.00	4TH - 9TH FLOOR DIMENSIONAL PLAN
S-605	.00	10TH FLOOR DIMENSIONAL PLAN
S-608	.00	11TH FLOOR DIMENSIONAL PLAN
S-607	.00	12TH FLOOR DIMENSIONAL PLAN
S-608	.00	PENTHOUSE DIMENSIONAL PLAN
S-609	.00	ROOF DIMENSIONAL PLAN
S-610	.00	BULKHEAD DIMENSIONAL PLAN
S-100	.00	CON-EDISON SPECIFICATION EO-1008 (PART 1)
S-101	.00	CON-EDISON SPECIFICATION EO-1008 (PART 2)

NEW YORK CITY CODE NOTES

BUILDING AND SCOPE OF WORK SUMMARY:

ADDRESS:	350 GRAND CONCOURSE BRONX, NY 10451
BOROUGH:	BRONX
BLOCK:	2530
LOT:	28
ZONING MAP NO.:	6A
ZONING DISTRICT:	C6-2A (R9A EQUIVALENT)
COMMUNITY DISTRICT:	BRONX CB1
NUMBER OF STORIES:	13 STORIES + ROOF AND ROOF BULKHEAD
BUILDING HEIGHT:	180'-0"
BC302 USE AND OCCUPANCY CLASSIFICATION:	RESIDENTIAL, MERCHANTILE
BC602 CONSTRUCTION CLASS:	TYPE 1B NON COMBUSTIBLE

SCOPE OF WORK:
STRUCTURAL WORK PROPOSED FOR NEW BUILDING AS SHOWN ON PLANS HEREIN.

STRUCTURAL DRAWINGS ARE IN COMPLIANCE BC CHAPTERS 16, 19, 21, AND 22.

REFER TO ARCHITECTURAL DRAWINGS FOR EXTERIOR WALLS, DESIGN OF NON-LOAD BEARING WALLS AND ANCHORAGES TO COMPLY WITH LOADS GIVEN ON S-002, AND WITH BC104.7.8, BC1015, AND BC CHAPTER 14.

RELATED JOB APPLICATION NUMBERS:

NEW BUILDING (NB):	X01219259-I1
FOUNDATION (FO):	X01219259-S2
STRUCTURAL (ST):	X01219259-S3
SUPPORT OF EXCAVATION (SE):	X01219259-S1
MECHANICAL SYSTEMS (MS):	X01219259-S4
PLUMBING (PL):	X01219259-S5
STANDPIPE, SPRINKLER (SPSD):	X01219259-S6
TEMPORARY STANDPIPE (TSD):	X01219259-S7
UNDERGROUND PLUMBING (UDS PL):	X01219259-S8

GENERAL NOTES:

1. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS.

2. THE 2022 EDITION OF THE NEW YORK CITY BUILDING CODE, AND APPLICABLE EDITIONS OF THE FOLLOWING CODES AND STANDARDS SHALL APPLY:

   A. CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES - AISC.
   B. ANSI/AISC 360-16 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.
   C. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE - ACI 318.

   IN CASE OF CONFLICT, THE MOST STRINGENT REQUIREMENTS SHALL APPLY.

3. FIELD MEASUREMENTS SHALL BE TAKEN AT THE SITE BY THE CONTRACTOR TO VERIFY AND SUPPLEMENT ALL DIMENSIONS AND ADDITIONS AFFECTED BY EXISTING WORK OR NEW WORK THAT HAS ALREADY BEEN INSTALLED. ANY DISCREPANCIES FROM THE INFORMATION SHOWN ON PLANS SHALL BE REPORTED TO AND COORDINATED WITH THE ARCHITECT.

4. BEFORE COMMENCEMENT OF ANY WORK AND/OR FABRICATION, THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT FOR HIS APPROVAL CONCRETE MIX DESIGNS FOR EACH TYPE OF CONCRETE TO BE USED, MILL REPORTS FOR STEEL, STRUCTURAL PENETRATIONS AND SHOP DRAWINGS FOR ALL STRUCTURAL TRADES AND OTHER DOCUMENTS AS REQUIRED PER PROJECT SPECIFICATIONS.

5. MEMBERS WITH SIZES INDICATED ON THE DRAWINGS ARE NEW UNLESS OTHERWISE NOTED (U.O.N).

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL ROOF, FLOOR AND WALL PENETRATIONS, PATCHING, REPAIRING AND FLASHING AS REQUIRED.

7. ITEMS INDICATED AS "BY OTHERS" DENOTES DELEGATED DESIGN ITEMS TO BE PROVIDED BY THE CONTRACTOR (DESIGNED BY MANUFACTURER'S ENGINEER FOR PREFABRICATED ITEMS OR BY CONTRACTOR'S ENGINEER FOR CUSTOM ITEMS).

8. THE NOTES OF EACH FOLLOWING SECTION SHALL APPLY, EXCEPT AS SPECIFICALLY NOTED OR SHOWN OTHERWISE ON THE BALANCE OF THESE STRUCTURAL DRAWINGS.

CAST-IN-PLACE CONCRETE NOTES:

1. CONCRETE TYPES

   A. NON-STRUCTURAL FILL – 3,000 PSI LIGHTWEIGHT CONCRETE (115 PCF MAX.).
   B. ALL OTHER CONCRETE – 5,000 PSI STONE CONCRETE.
   C. SLABS AT PARKING LEVELS – 5,000 PSI HIGH PERFORMANCE CONCRETE.

2. BAR REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60 UNLESS HIGHER GRADE IS INDICATED ON DRAWINGS.

3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A1064 WITH A MINIMUM ULTIMATE TENSILE STRENGTH OF 70,000 PSI.

4. CONCRETE SHALL BE CAST MONOLITHICALLY BETWEEN JOINTS SHOWN ON THE STRUCTURAL DRAWINGS. REQUESTS FOR ADDITIONAL CONSTRUCTION JOINTS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. ADDITIONAL CONSTRUCTION JOINTS NOT SHOWN ON DRAWINGS MAY REQUIRE ADDITIONAL REINFORCING AT THE DIRECTION OF THE ENGINEER OF RECORD.

5. REINFORCEMENT MARKED "CONT." (CONTINUOUS) SHALL BE LAPPED A PROPER DISTANCE AT SPLICES AND CORNERS AND SHALL BE HOOKED OR EXTENDED A PROPER DISTANCE AT NON-CONTINUOUS ENDS AS PER SPLICE AND DEVELOPMENT LENGTH REQUIREMENTS SHOWN ON THE DRAWINGS. ALL HORIZONTAL WALL REINFORCING SHALL BE CONTINUOS.

6. REINFORCEMENT SHALL BE CONTINUOS THROUGH ALL CONSTRUCTION JOINTS. THE CONTRACTOR SHALL LOCATE CONSTRUCTION JOINTS AT POINTS OF MINIMUM SHEAR.

7. SPLICES FOR ALL REINFORCEMENT IN SHEAR WALLS SHALL BE TENSION SPLICES.

8. REINFORCING BARS SHALL HAVE THE FOLLOWING CONCRETE PROTECTION:

CONCRETE CAST AGAINST EARTH	- 3"
EXPOSED TO EARTH OR WEATHER	- 2"
SLABS NOT EXPOSED	- 3/4", OR 1 BAR DIAMETER FOR #1 BARS OR LARGER
TRANSFER SLABS	- 1-1/2"
WALLS NOT EXPOSED	- 3/4", OR 1" FOR SHEAR WALLS WITH #11 JAMB
SLABS IN PARKING AREAS	- 2" TOP BARS ONLY
BEAMS AND GIRDERS NOT EXPOSED	- 1-1/2" TO STIRRUPS
COLUMNS NOT EXPOSED	- 1-1/2" TO TIES

9. MAXIMUM LENGTH OF CONCRETE POUR (DISTANCE BETWEEN CONSTRUCTION JOINTS) SHALL BE 50 FEET DURING JUNE, JULY, AUGUST AND SEPTEMBER AND 75 FEET DURING THE REST OF THE YEAR. LOCATION OF CONSTRUCTION JOINTS, IF REQUIRED, SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT.

10. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND LOCATIONS OF ALL OPENINGS, PIPE SLEEVES, ANCHOR BOLTS, ETC. AS REQUIRED BY TRADES BEFORE CONCRETE IS POURED.

11. THE CONTRACTOR SHALL PROVIDE SLAB BOLSTERS, HIGH CHAIRS AND ALL ACCESSORIES REQUIRED FOR PROPER PLACEMENT OF REINFORCING BARS AND WIRE MESH AS PER A.C.I. & C.R.S.I. STANDARDS.

12. CONCRETE MAY BE CONVEYED BY PUMPING. PUMPING METHODS SHALL COMPLY WITH REQUIREMENTS ESTABLISHED BY A.C.I. COMMITTEE 304, PLACING CONCRETE PUMPING METHODS.

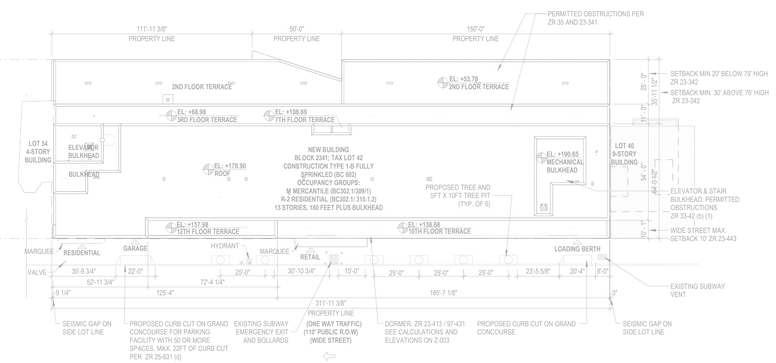
13. PRIOR TO PLACING CONCRETE, ALL REINFORCEMENT SHALL BE FREE OF LOOSE FLAKY RUST, MUD, OIL OR OTHER COATING THAT WILL DESTROY, REDUCE OR HAMPER FULL BOND CAPACITY.

14. THE PLACEMENT OF DOWELS, ANCHOR RODS, OR ANY OTHER EMBEDMENTS INTO WET CONCRETE "WET STICKING", SHALL NOT BE PERMITTED.

15. CONTROL AND EXPANSION JOINTS SHALL BE PROVIDED TO MINIMIZE CRACKING AS PER ARCHITECTURAL AS WELL AS STRUCTURAL REQUIREMENTS AND IN ACCORDANCE WITH STANDARD PRACTICES ACCEPTED IN THE INDUSTRY.

16. THE FOLLOWING CRITERIA SHALL BE MET WITH REGARDS TO PLACEMENT OF CONDUITS, PIPES, ETC. IN CONCRETE SLABS.

   A. ALL CONDUITS SHALL BE CENTERED AT MID-DEPTH OF SLAB. CONDUIT DIAMETER SHALL NOT EXCEED 1/3 OF SLAB THICKNESS. CLEAR DISTANCE BETWEEN TWO ADJACENT CONDUITS SHALL BE A MINIMUM OF 3 DIAMETERS OF LARGER OF THE TWO CONDUITS.
   B. VERTICAL SLEEVES, PIPES, ETC. THROUGH SLAB EITHER CLUSTERED OR INDIVIDUAL, SHALL NOT INTERRUPT MORE THAN 1/8 OF THE WIDTH OF COLUMN STRIP.
   C. NO REINFORCEMENT BARS SHALL BE CUT, BENT, SHIFTED OR OTHERWISE ALTERED AS CONDUITS, PIPES, ETC. AS COMPARED TO WHAT IS SHOWN ON THESE DRAWINGS.
   D. ANY DEVIATIONS FROM ABOVE REQUIREMENTS SHALL BE SHOWN ON THE SHOP DRAWINGS AND SUBMITTED FOR APPROVAL BY THIS OFFICE.



PLOT PLAN
1" = 30'-0"

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING:

   A. WIDE FLANGE AND TEE SHAPES - ASTM A992 GRADE 50
   B. CHANNELS, S SHAPES, ANGLES, PLATES AND BARS - ASTM A36
   C. ROUND, SQUARE & RECTANGULAR HSS SHAPES - ASTM A500 GRADE B

2. SHOP CONNECTIONS SHALL BE WELDED OR BOLTED. FIELD CONNECTIONS SHALL BE BOLTED UNLESS SPECIFICALLY SHOWN OTHERWISE ON STRUCTURAL DRAWINGS.

3. ALL BOLTING SHALL CONFORM TO THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", LATEST EDITION.

4. BOLTED CONNECTIONS SHALL UTILIZE ASTM A325 OR A490 BOLTS. ALL BOLTS SHALL BE 3/4 INCH DIAMETER MINIMUM. BOLTED SIMPLE SHEAR CONNECTIONS SHALL UTILIZE HIGH STRENGTH BOLTS IN BEARING TYPE CONNECTIONS AND SHALL BE INSTALLED "SNUG TIGHT". BOLTED MOMENT CONNECTIONS, SPLICE CONNECTIONS AND BRACING CONNECTIONS SHALL BE PRETENSIONED JOINTS WITH FULLY PRETENSIONED HIGH-STRENGTH BOLTS IN BEARING. CONNECTIONS WITH OVERSIZE HOLES OR SLOTTED HOLES IN WHICH THE LOAD IS NOT APPLIED NORMAL TO THE LONG DIMENSION OF THE SLOT REQUIRE SLIP CRITICAL BOLTS.

5. ALL WELDING ELECTRODES SHALL BE LOW HYDROGEN, AS REQUIRED BY AWS "STRUCTURAL WELDING CODE" AND "CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION" TO SATISFY BASE-TO-FILLER METAL COMBINATION CRITERIA. ALL FILLER METAL SHALL HAVE A MINIMUM CVN TOUGHNESS OF 20 FT. LBS. AT MINUS 20 DEGREES F.

6. ALL WELDING SHALL BE DONE BY QUALIFIED WELDERS AND SHALL CONFORM TO THE AWS "CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION", LATEST EDITION. WELDER CERTIFICATES SHALL BE SUBMITTED TO GACE BEFORE COMMENCEMENT OF WORK.

7. MINIMUM SIZE OF FILLET WELDS SHALL BE 1/4" MIN. FOR FIELD WELDS AND AS REQUIRED PER AISC SPECIFICATION RELATIVE TO BASE METAL THICKNESS FOR SHOP WELDS.

8. ALL DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO AISC "LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" AND AISC "CODE OF STANDARD PRACTICE", LATEST EDITIONS.

9. CONNECTIONS OF ALL BEAMS AND GIRDERS SHALL BE DESIGNED FOR REACTIONS INDICATED ON STRUCTURAL DRAWINGS. ALL OTHER CONNECTIONS SHALL BE DESIGNED FOR THE FULL CAPACITY OF THE MEMBERS.

10. KNIFE CONNECTIONS SHALL NOT BE PERMITTED UNLESS SPECIFICALLY REQUESTED BY A CONTRACTOR AND APPROVED BY STRUCTURAL ENGINEER PRIOR TO SHOP DRAWING APPROVAL. CONTRACTOR'S BIDS SHALL BE SUBMITTED BASED ON THE KNIFE CONNECTIONS NOT ALLOWED. SPECIFIC KNIFE CONNECTION DETAILS SHALL BE SUBMITTED FOR APPROVAL AT THE TIME WHEN TYPICAL DETAILS AND ERECTION PLANS ARE SUBMITTED. THE DETAILS SHALL BE ACCOMPANIED BY CALCULATIONS SIGNED AND SEALED BY PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE PROJECT IS TO BE BUILT. CALCULATIONS SHALL DEMONSTRATE THAT THE WELDS ARE NOT OVERSTRESSED DUE TO SECONDARY STRESSES DUE TO BOLT TIGHTENING, PRYING ACTION, ETC.

11. INSPECTION AND TESTING OF WELDS AND BOLTS SHALL BE AS FOLLOWS:

   A. A TESTING AGENCY ACCEPTABLE TO THE ENGINEER OF RECORD SHALL BE EMPLOYED BY THE OWNER TO PERFORM ALL SHOP AND FIELD INSPECTIONS AND TESTING OUTLINED BELOW.
   B. ALL WORK SHALL BE SCHEDULED BY THE CONTRACTOR TO ALLOW THE BELOW SHOP AND FIELD TESTING TO BE COMPLETED:
   C. ALL WELDS SHALL BE VISUALLY INSPECTED. FIFTEEN (15) PERCENT OF RANDOMLY SELECTED FILLET, PLUG AND SLOT WELDS SHALL BE MEASURED.
   D. FIFTEEN (15) PERCENT OF RANDOMLY SELECTED FILLET WELDS IN BEAM AND GIRDER SHEAR CONNECTION PLATES, ANGLES, ETC. SHALL BE CHECKED BY MAGNETIC PARTICLE METHOD. ONLY THE FINAL PASS SHALL BE CHECKED.
   E. ULTRASONICALLY TEST 100 PERCENT OF ALL FULL AND PARTIAL PENETRATION WELDS. WELD PREPARATION OF 100 PERCENT OF WELDS SHALL BE INSPECTED.
   F. ALL BOLTS SHALL BE VISUALLY INSPECTED.
   G. ALL SLIP CRITICAL BOLTS SHALL BE CHECKED FOR PROPER TENSIONING USING THE "DIRECT TENSION INDICATOR" METHOD. MEASURE WITH FEELER GAGES AT LEAST 15% OF BOLTS IN EACH CONNECTION, BUT NOT LESS THAN TWO BOLTS PER CONNECTION.
   H. A MINIMUM OF 15 PERCENT OF BOLTS, BUT NOT LESS THAN TWO BOLTS IN EACH BEARING TYPE CONNECTION SHALL BE CHECKED FOR PROPER TENSIONING USING THE CALIBRATED TORQUE WRENCH METHOD.
   I. IN CASE MULTIPLE DEFECTS HAVE BEEN DETECTED, THE ABOVE EXTENT OF INSPECTION SHALL BE INCREASED AT DISCRETION OF STRUCTURAL ENGINEER OF RECORD.

12. SUBMITTALS

   A. SEE "SUBMITTAL NOTES" FOR GENERAL REQUIREMENTS.
   B. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT, FOR REVIEW, ENGINEERED SHOP AND ERECTION DRAWINGS SHOWING SHOP FABRICATION DETAILS FOR EACH PIECE OF STEEL, FIELD ASSEMBLY DETAILS AND ERECTION PLANS FOR ALL STEEL.
   C. SHOP DRAWINGS SHOWING PIECE DETAILS SHALL NOT BE SUBMITTED PRIOR TO APPROVAL OF ERECTION DRAWINGS AND RELATED CONNECTION DETAILS, DIAGRAMS, SCHEDULES, ETC.

13. ALL CONNECTIONS SHALL BE DESIGNED AND DETAILED BY A PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF NEW YORK, HIRED BY THE CONTRACTOR. IF REQUESTED BY THE ENGINEER OF RECORD, CALCULATIONS SHALL BE SUBMITTED FOR THE ENGINEER OF RECORD'S REFERENCE. ALL REFERENCE CALCULATIONS SHALL BE SIGNED AND SEALED BY THE CONTRACTOR'S ENGINEER.

14. DETAILING SHALL BE PERFORMED USING APPROPRIATE ENGINEERING DESIGN PRINCIPLES AND ACCEPTED INDUSTRY STANDARDS, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. DETAILER SHALL BE AWARE THAT THE DETAILS AND SECTIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE CONCEPTUAL ONLY AND DO NOT INDICATE THE NUMBER OF BOLTS, WELD SIZES, AND OTHER INFORMATION REQUIRED TO BE SHOWN ON THE SHOP DRAWINGS, UNLESS SPECIFICALLY NOTED.

15. ALL STAIR AND OTHER MISCELLANEOUS STEEL STRUCTURES SHALL BE DESIGNED AND DETAILED BY AN ENGINEER EMPLOYED BY THE CONTRACTOR. DRAWINGS SHALL BEAR THE SEAL AND SIGNATURE OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK AND SHALL BE SUBMITTED FOR REVIEW BY STRUCTURAL ENGINEER OF RECORD. CALCULATIONS SHALL BE SUBMITTED FOR REFERENCE.

16. EXISTING STRUCTURAL STEEL SHALL BE REMOVED ONLY WITH ARCHITECTS (OR HIS REPRESENTATIVE) APPROVAL. NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES OR FOR ANY OTHER REASON SHALL BE PERMITTED UNLESS APPROVED BY THE ARCHITECT OR BY THE ARCHITECT'S REPRESENTATIVE.

17. NO STRUCTURAL STEEL TO RECEIVE FIREPROOFING SHALL BE PAINTED. ALL STEEL SHALL BE CLEANED IN THE FIELD OF ALL RUST, LOOSE MILL SCALE AND OTHER FOREIGN MATERIALS PRIOR TO THE APPLICATION OF FIREPROOFING.

18. ALL STEEL EXPOSED TO WEATHER SHALL BE HOT-DIPPED GALVANIZED. THIS INCLUDES ALL STEEL LINTELS, RELIEVING ANGLES, HANGERS, ETC. DAMAGED / CUT / WELDED GALVANIZATION SHALL BE TOUCHED UP / REPAIRED IN ACCORDANCE WITH ASTM A780 "STANDARD PRACTICE FOR REPAIR OF DAMAGED AND UNCOATED AREAS OF HOT-DIP GALVANIZED COATINGS".

19. ALL BEAMS SHALL BE FABRICATED AND ERECTED WITH NATURAL CAMBER UP.

20. SHEAR STUDS SHALL BE HEADED SHEAR CONNECTORS AS MANUFACTURED AND INSTALLED BY NELSON STUD WELDING. SHEAR STUD INSTALLATION SHALL BE INSPECTED BY AN APPROVED TESTING AGENCY IN OWNER'S DIRECT EMPLOY. THREE (3) BEND TESTS SHALL BE PERFORMED AT THE BEGINNING OF CONSTRUCTION. AFTERWARDS, 20 PERCENT (MINIMUM) OF SHEAR STUDS SHALL BE INSPECTED BY "RING TEST" AND MEASURED. ALL STUD WELDING SHALL BE INSPECTED VISUALLY.

POST INSTALLED ANCHORS

1. ANCHOR CAPACITY SHALL BE BASED ON THE TECHNICAL DATA PUBLISHED BY THE ANCHOR MANUFACTURER OR OTHER METHOD AS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD ("ENGINEER").

2. SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS SHALL BE APPROVED IN WRITING BY THE ENGINEER PRIOR TO USE. CONTRACTOR SHALL PROVIDE CALCULATIONS DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING THE PERFORMANCE VALUES OF THE SPECIFIED PRODUCT. SUBSTITUTIONS SHALL BE EVALUATED BY THEIR HAVING AN INTERNATIONAL CODE COUNCIL EVALUATION SERVICE REPORT (ICC ESR) SHOWING COMPLIANCE WITH THE RELEVANT BUILDING CODE FOR SEISMIC USES, LOAD RESISTANCE, INSTALLATION CATEGORY, AND AVAILABILITY OF COMPREHENSIVE INSTALLATION INSTRUCTIONS. ADHESIVE ANCHOR EVALUATION SHALL CONSIDER EFFECTS OF CREEP, IN-SERVICE TEMPERATURE AND INSTALLATION TEMPERATURE.

3. ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER INSTRUCTIONS INCLUDED IN THE ANCHOR PACKAGING.

4. OVERHEAD ADHESIVE ANCHORS MUST BE INSTALLED USING THE HILTI PROFI SYSTEM OR OTHER MANUFACTURER'S EQUAL OR BETTER SYSTEM, IF APPROVED BY THE ENGINEER IN ADVANCE.

5. ALL POST INSTALLED ANCHORS SHALL BE INSTALLED BY PERSONNEL TRAINED AND CERTIFIED IN THE INSTALLATION OF THE SPECIFIED PRODUCTS AND ACCESSORIES. INSTALLERS SHALL BE CERTIFIED THROUGH THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM OR EQUIVALENT. INSTALLERS SHALL HAVE PROOF OF CERTIFICATION WITH THEM ON SITE AT THE TIME OF INSTALLATION AND SHALL PRESENT SAID CERTIFICATION TO THE SPECIAL INSPECTOR.

6. ANCHOR CAPACITY IS DEPENDENT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO THE EDGE OF CONCRETE. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH SPACING AND EDGE DISTANCES INDICATED ON THE STRUCTURAL DRAWINGS.

7. REINFORCING BARS OR OTHER ELEMENTS EMBEDDED IN THE EXISTING CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS. UNLESS NOTED ON THE DRAWINGS THAT THE BARS, ETC. CAN BE CUT, THE CONTRACTOR SHALL REVIEW THE EXISTING STRUCTURAL DRAWINGS AND SHALL UNDERTAKE TO LOCATE THE POSITION OF THE EMBEDDED BARS, ETC. BY GROUND PENETRATING RADAR (GPR), X-RAY, CHIPPING OR OTHER MEANS.

8. CONTINUOUS SPECIAL INSPECTIONS FOR POST INSTALLED ANCHORS SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 4.4 OF THE INDIVIDUAL INTERNATIONAL CODE COUNCIL- EVALUATION SERVICE (ICC- ES) REPORT FOR THE INDIVIDUAL ANCHOR. THE CONTRACTOR SHALL GIVE THE SPECIAL INSPECTOR SUFFICIENT ADVANCE NOTICE TO ALLOW ENOUGH TIME FOR PROPER INSPECTION OF HOLE PREPARATION, ANCHOR INSTALLATION, TIGHTENING, ETC. ANCHORS INSTALLED WITHOUT INSPECTION AT ALL THESE PHASES SHALL BE REJECTED AND WILL HAVE TO BE REPLACED AT CONTRACTOR'S EXPENSE.

STEEL PAINTING NOTES - EXPOSED STEEL:

1. CLEAN STEEL IN ACCORDANCE WITH SSPC-SP6 COMMERCIAL BLAST CLEANING AND COAT WITH TNEMEC OMNITHANE 530 PRIME TO 2 - 3 MILS DRY FILM THICKNESS (DFT), OR APPROVED EQUAL, WITHIN 4 HOURS OF CLEANING. AFTER ERECTION AND TOUCH UP APPLY A FULL COAT OF TNEMEC N69F HI-BUILD EPOXOLINE II TO 3 - 5 MILS DFT FOR TEMPERATURES DURING APPLICATION / CURING BELOW 50 DEG. F DOWN TO 35 DEG. F, AND TNEMEC SERIES 135 CHEMBUILD TO 5 - 6 MILS DFT FOR TEMPERATURES DURING APPLICATION / CURING ABOVE 50 DEGREE F.

ALLOWANCES:

1. BIDDERS SHALL PROVIDE A SEPARATE PRICE FOR 5 TONS OF ADDITIONAL REINFORCING STEEL (ASTM A615) & 9 CUBIC YARDS OF CONCRETE (F'C = 5000 PSI) TO BE USED ON THE PROJECT AS PER THE DIRECTION OF THE ARCHITECT. THE VALUE OF THE UNEXPENDED BALANCE OF THESE MATERIALS SHALL BE REFUNDED TO THE OWNER.

2. BIDDERS SHALL PROVIDE A SEPARATE PRICE FOR 10 TONS OF ADDITIONAL STRUCTURAL STEEL (ASTM A992-50) TO BE USED ON THE PROJECT AS PER THE DIRECTION OF THE ARCHITECT. THIS STEEL WILL BE ADDED AS NEEDED PRIOR TO OR DURING THE SHOP DRAWING REVIEW PHASE. THE VALUE OF THE UNEXPENDED BALANCE OF THIS STEEL SHALL BE REFUNDED TO THE OWNER.

SPECIAL INSPECTION NOTES:

1. SPECIAL INSPECTION ITEMS REQUIRED BY NYC BUILDING CODE RELATED TO STRUCTURAL WORK SHOWN ON GACE DRAWINGS.

   A. STRUCTURAL STEEL – WELDING
   B. STRUCTURAL STEEL – DETAILS
   C. STRUCTURAL STEEL – HIGH STRENGTH BOLTING
   D. CONCRETE – CAST-IN-PLACE
   E. CONCRETE SAMPLING AND TESTING
   F. CONCRETE DESIGN MIX
   G. POST-INSTALLED ANCHORS (BB# 2014-018, 2014-019, 2015-027, 2016-005)
   H. FINAL (PROGRESS INSPECTION)

THE CONTRACTOR IS OBLIGATED TO NOTIFY THE INSPECTOR AT LEAST 72 HOURS BEFORE INSTALLATION OF SUCH ITEMS SO THAT PROPER INSPECTION CAN BE MADE. IN NO CASE SHALL SUCH ITEMS BE INSTALLED OR CONSTRUCTED WITHOUT COMPLETE APPROVAL OF THE INSPECTOR. UNAPPROVED INSTALLATION IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S SOLE EXPENSE.

ALL SPECIAL INSPECTIONS SHALL BE PERFORMED BASED ON APPROVED SHOP DRAWINGS. INSPECTIONS PERFORMED BASED ON UNAPPROVED DRAWINGS SHALL BE CONSIDERED INVALID AND SHALL BE REJECTED.

BIDDER'S WARRANTY:

BY THE ACT OF SUBMITTING A BID FOR THE PROPOSED CONTRACT, THE BIDDER WARRANTS THAT:

1. THE BIDDER AND ALL SUBCONTRACTORS HE INTENDS TO USE HAVE CAREFULLY AND THOROUGHLY REVIEWED THE DRAWINGS, SPECIFICATIONS AND OTHER CONSTRUCTION CONTRACT DOCUMENTS AND HAVE FOUND THEM COMPLETE AND FREE FROM AMBIGUITIES AND SUFFICIENT FOR THE CONTRACTOR TO BID, FABRICATE, AND INSTALL THE WORK ON TIME, FURTHER THAT,

2. THE BIDDER AND ALL WORKMEN, EMPLOYEES AND SUBCONTRACTORS HE INTENDS TO USE ARE SKILLED AND EXPERIENCED IN THE TYPE OF CONSTRUCTION REPRESENTED BY THE CONSTRUCTION CONTRACT DOCUMENTS BID UPON; FURTHER THAT,

3. NEITHER THE BIDDER NOR ANY OF HIS EMPLOYEES, AGENTS INTENDED SUPPLIERS OR SUBCONTRACTORS HAVE RELIED UPON ANY VERBAL REPRESENTATIONS, ALLEGEDLY AUTHORIZED OR UNAUTHORIZED FROM THE OWNER, HIS EMPLOYEES OR AGENTS INCLUDING ARCHITECTS, ENGINEERS OR CONSULTANTS, IN ASSEMBLING THE BID FIGURE; AND FURTHER THAT, THE BID FIG

ABBREVIATIONS

@	= AT	KSI	= KIP(S) PER SQUARE INCH
ADJ.	= ADJACENT	L.L.	= LIVE LOAD
ADD'L.	= ADDITIONAL	L.L.H.	= LONG LEG HORIZONTAL
ALT.	= ALTERNATE	L.L.V.	= LONG LEG VERTICAL
ARCH.	= ARCHITECTURAL	Ldc	= COMPRESSION DEVELOPMENT LENGTH
B, BOT.	= BOTTOM		
B.F.	= BRACED FRAME	Ldh	= HOOKED BAR TENSION DEVELOPMENT LENGTH
B.P.	= BASE PLATE, BEARING PLATE	Ldt	= TENSION DEVELOPMENT LENGTH
B.H.	= BULKHEAD		
BLDG.	= BUILDING	Lsc	= COMPRESSION SPLICE LENGTH
BM.	= BEAM	LSL.	= LONG SLOTTED
BRDG.	= BRIDGING	Lst.	= TENSION SPLICE LENGTH
BRNG.	= BEARING	LB(S).	= POUND(S)
BSMT.	= BASEMENT	LG.	= LONG
℄, CL.	= CENTERLINE	LT.	= LIGHT
C.A.	= COLUMN ABOVE	M.C.	= MOMENT CONNECTION
C.B.	= COLUMN BELOW	M.D.	= METAL DECK
C.J.	= CONSTRUCTION JOINT, CONTROL JOINT	MAX.	= MAXIMUM
		MECH.	= MECHANICAL
CANT.	= CANTILEVER	MEZZ.	= MEZZANINE
CLR.	= CLEARANCE, CLEAR	MFR.	= MANUFACTURER
COL.	= COLUMN	MIN.	= MINIMUM
CONC.	= CONCRETE	MISC.	= MISCELLANEOUS
CONN.	= CONNECTION	MOM.	= MOMENT
CONST.	= CONSTRUCTION	N.I.C.	= NOT IN CONTRACT
CONT.	= CONTINUOUS	N.F.	= NEAR FACE
⌀, DIA.	= DIAMETER	N.S.	= NON-SHRINK
D.L.	= DEAD LOAD	N.T.S.	= NOT TO SCALE
DET.	= DETAIL	NO.	= NUMBER
DIAG.	= DIAGONAL	N-S	= NORTH – SOUTH
DIM.	= DIMENSION	O.C.	= ON CENTER
DWG(S).	= DRAWING(S)	O.F.	= OUTSIDE FACE
DWL(S).	= DOWEL(S)	OPNG.	= OPENING
E.E.	= EACH END	P.C.	= PRECAST, PILE CAP
E.F.	= EACH FACE	PL, PL.	= PLATE
E.J.	= EXPANSION JOINT	PLF	= POUND(S) PER FOOT
E.M.R.	= ELEVATOR MACHINE ROOM	PSF	= POUND(S) PER SQUARE FOOT
E.S.	= EACH SIDE	PSI	= POUND(S) PER SQUARE INCH
E.W.	= EACH WAY	R.	= RADIUS
EA.	= EACH	REF.	= REFERENCE
EL.	= ELEVATION	REINF.	= REINFORCEMENT
ELECT.	= ELECTRICAL	REQ'D	= REQUIRED
Em	= DEVELOPMENT LENGTH IN MASONRY	REV.	= REVISION, REVISED
		S.F.	= SQUARE FOOT
EMBED.	= EMBEDMENT	S.L.H.	= SHORT LEG HORIZONTAL
EQ.	= EQUAL	S.L.V.	= SHORT LEG VERTICAL
EXIST.	= EXISTING	S.O.G.	= SLAB ON GRADE
EXP.	= EXPANSION	SEC.	= SECTION
EXT.	= EXTERIOR	SL.	= SLAB, SLOPE
E-W	= EAST – WEST	Sm	= SPLICE LENGTH IN MASONRY
F.F.	= FAR FACE	SPEC(S).	= SPECIFICATION(S)
FDN.	= FOUNDATION	SQ.	= SQUARE
FIN.	= FINISHED	SSL.	= SHORT SLOTTED
FL/ FLR.	= FLOOR	STD.	= STANDARD
FT.	= FOOT	STL.	= STEEL
FTG.	= FOOTING	STRUCT	= STRUCTURAL
FT-K	= FOOT – KIP	T	= TOP
GA.	= GAUGE	T.O.S.	= TOP OF SLAB
GALV.	= GALVANIZED	TEMP.	= TEMPORARY
GEN.	= GENERAL	THK.	= THICKNESS, THICK
HORIZ.	= HORIZONTAL	TYP.	= TYPICAL
I.F.	= INSIDE FACE	U.O.N.	= UNLESS OTHERWISE NOTED
IN.	= INCH	VERT.	= VERTICAL
INT.	= INTERIOR	W.P.	= WATERPROOFING, WORK POINT
JT.	= JOINT	W.W.F.	= WELDED WIRE FABRIC
K, KIP	= 1000 LBS	WF.	= WIDE FLANGE
K.L.F	= KIP(S) PER FOOT	WD	= WOOD
KSF	= KIP(S) PER SQUARE FOOT	WT.	= WEIGHT

BUILDING DESIGN INFORMATION SUMMARY
2022 NEW YORK CITY BUILDING CODE

NO.	TOPIC	CODE SECTION
1.	SNOW LOADING CRITERIA	GROUND SNOW LOAD, P_g = 25 psf
		FLAT-ROOF SNOW LOAD, P_f = 20 psf
		SNOW EXPOSURE FACTOR, C_e = 0.9
		SNOW IMPORTANCE FACTOR, I_s = 1.0
		THERMAL EXPOSURE FACTOR, C_t = 1.0
2.	SEISMIC LOADING CRITERIA	SEISMIC IMPORTANCE FACTOR, I = 1.0
		SEISMIC OCCUPANCY CATEGORY = II
		Ss = 0.246 S1 = 0.061
		SITE CLASS = D
		SHORT PERIOD DESIGN SPECTRAL RESPONSE, SDS = 0.316g
		ONE SECOND DESIGN SPECTRAL RESPONSE, SD1 = 0.098g
		SEISMIC DESIGN CATEGORY = B
		BASIC SEISMIC FORCE RESISTING SYSTEM = ORDINARY REINFORCED CONCRETE SHEAR WALLS
		DESIGN SEISMIC BASE SHEAR, V = 1028 kips
		SEISMIC RESPONSE COEFFICIENT, Cs = 0.0152
		RESPONSE MODIFICATION FACTOR, R = 5
		ANALYSIS METHOD USED = EQUIVALENT LATERAL FORCE PROCEDURE
3.	WIND LOADING CRITERIA	BASIC WIND SPEED (3 SECOND GUST) = 117 mph
		WIND IMPORTANCE FACTOR = 1.0
		OCCUPANCY CATEGORY = II
		WIND EXPOSURE CATEGORY = B
		DESIGN WIND BASE SHEAR – E-W, V = 1458 kips; N-S, V = 1341 kips
		INTERNAL PRESSURE COEFFICIENT GC_{pi} = +/- 0.18
		COMPONENTS & CLADDING DESIGN WIND PRESSURE: ZONE 4 = + 37 psf / - 37 psf; ZONE 5 = + 37 psf / - 67 psf
4.	HYDROSTATIC & FLOOD LOADING CRITERIA	DESIGN GROUND WATER ELEVATION = +25' NAVD 88
		FLOOD ZONE = X
		100 YEAR DESIGN FLOOD ELEVATION = N/A

NOTES:

1. DESIGN LOADS COMPLY WITH BC101.7, BF1604.
2. REFER TO ARCHITECTURAL DRAWINGS FOR EXTERIOR WALL DESIGN OF NON-LOAD BEARING EXTERIOR WALLS AND ANCHORAGES TO COMPLY WITH LOADS SHOWN ABOVE, AND WITH BC104.7.8, BC1605, AND BC CHAPTER 14.

LAP SPLICE LENGTHS FOR CONCRETE 'Ls' (in.)

SIZE	F_y (ksi)	4000 psi TENSION TYP.	4000 psi TENSION TOP	4000 psi COMP.	8000 psi TENSION TYP.	8000 psi TENSION TOP	8000 psi COMP.
#3	60	18	24	12	16	21	12
#4	60	25	32	15	17	24	15
#5	60	31	40	19	22	28	19
#6	60	37	49	23	27	35	23
#7	60	54	70	27	39	50	27
#8	60	62	80	30	44	57	30
#9	60	70	91	34	50	64	34
#10	60	79	102	39	56	72	39
#11	60	87	114	43	62	80	43
	80	117	152	67	83	107	67

HOOKED BAR TENSION DEVELOPMENT LENGTHS FOR CONCRETE 'Ldh' (in.)

SIZE	F_y (ksi)	4000 psi	8000 psi
#3	60	8	6
#4	60	10	7
#5	60	12	9
#6	60	15	11
#7	60	17	12
#8	60	19	14
#9	60	22	16
#10	60	25	18
#11	60	27	19
	80	37	26

NOTES:

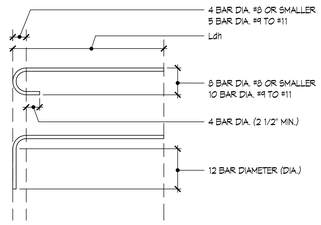
1. THESE DEVELOPMENT AND SPLICE LENGTHS ARE COMPUTED FOR UNCOATED BARS IN ELEMENTS OF NORMAL WEIGHT CONCRETE WITH A MINIMUM CLEAR COVER OF 1 BAR DIAMETER AND A MINIMUM CLEAR SPACING OF 1 BAR DIAMETER IN BEAMS AND COLUMNS, AND 2X THE BAR DIAMETER IN OTHER ELEMENTS.
2. THESE DEVELOPMENT AND SPLICE LENGTHS SHALL BE MULTIPLIED BY ALL OF THE APPLICABLE FACTORS THAT FOLLOW:

EPOXY-COATED REINFORCING (FOR TYP. REINF.) x1.50
EPOXY-COATED REINFORCING (FOR TOP REINF.) x1.31
REINFORCING PLACED IN LIGHTWEIGHT CONCRETE x1.34
#7 BARS AND LARGER WITH CLEAR COVER LESS THAN 1 BAR DIAMETER.....x1.50

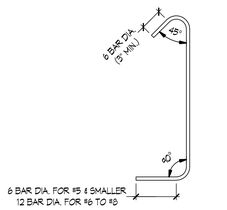
3. 'Ls' CAN BE USED AS ACI CLASS A SPLICE. 'Ls' CAN BE USED AS ACI CLASS B SPLICE.
4. USE TOP CONDITION FOR ANY HORIZONTAL BARS WITH MORE THAN 12 INCHES OF FRESH CONCRETE BELOW.
5. WHEN BARS OF DIFFERENT SIZE ARE SPLICED, SPLICE LENGTH SHALL BE THE LARGER OF THE DEVELOPMENT LENGTH OF LARGER BAR AND LAP SPLICE LENGTH OF SMALLER BAR.

STRAIGHT BAR DEVELOPMENT LENGTHS FOR CONCRETE 'Ld' (in.)

SIZE	F_y (ksi)	4000 psi TENSION TYP.	4000 psi TENSION TOP	4000 psi COMP.	8000 psi TENSION TYP.	8000 psi TENSION TOP	8000 psi COMP.
#3	60	15	19	9	12	16	9
#4	60	19	25	10	14	18	9
#5	60	24	31	12	17	22	12
#6	60	29	38	15	21	27	14
#7	60	42	54	17	30	39	16
#8	60	48	62	19	34	44	18
#9	60	54	70	22	38	50	21
#10	60	61	79	24	43	56	23
#11	60	67	87	27	48	62	25
	80	90	117	36	64	83	34



1 TYPICAL STANDARD HOOK
3/4" = 1'-0"
NOTE: FOR DEVELOPMENT LENGTH Ldh SEE SCHEDULE.



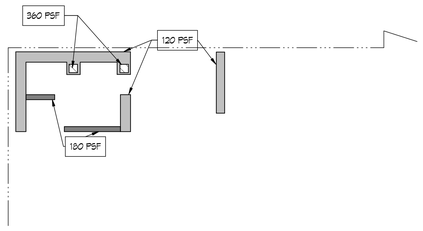
2 TYPICAL TIE HOOK (HAIR PIN)
3/4" = 1'-0"

LOADING SCHEDULE

LEVEL	OCCUPANCY	LIVE LOAD REDUCTION	DEAD LOAD SLAB	STEEL	CLNG.	FIN.	PART.	RFG. & INSUL.	LAND-SCAPING	TOTAL	LIVE LOAD	TOTAL
CELLAR	STORAGE	-	150	-	-	-	15	-	-	165	100	265
	MECHANICAL	-	150	-	-	-	15	-	-	165	75	240
	PARKING	-	150	-	-	50	-	-	-	200	100	300
	ELECTRICAL TRANSFORMER VAULT	-	150	-	-	5	-	-	-	155	75 (600*)	230 (755*)
1ST	RETAIL	-	150/175	-	5	20	-	-	-	175/200	100	275/300
	LOBBY	-	150	-	5	20	15	-	-	190	100	290
	LOADING DOCK	-	200	-	5	75	-	5	-	285	300	585
2ND	RETAIL	-	150/225	-	5	20	-	-	-	175/250	100	275/350
	AMENITY	-	150	-	5	20	15	-	-	190	100	290
	MECHANICAL/ TERRACE	-	225	-	5	10	15	-	-	255	75	330
	AMENITY TERRACE	-	150/225	-	5	50	-	10	**	**	100	**
3RD	RESIDENTIAL	YES	400	-	5	10	15	-	-	430	40	470
	AMENITY/ TERRACE	-	100	-	5	50	-	10	-	165	100	265
	PVT. TERRACE	-	100	-	5	50	-	10	-	165	60	225
4TH-12TH	RESIDENTIAL	YES	100	-	5	10	15	-	-	130	40	170
10TH	TERRACE	-	100	-	5	50	-	10	-	165	60	225
12TH	TERRACE	-	100	-	5	50	-	10	-	165	60	225
PENTHOUSE	RESIDENTIAL	YES	100	-	5	10	15	-	-	165	40	205
ROOF	AMENITY TERRACE	-	150	-	5	50	-	10	**	**	100	**
BULKHEAD	ROOF	-	100	-	5	25	-	10	-	140	30	170
EMR ROOF	ROOF	-	100	-	5	25	-	10	-	140	30	170

NOTES:

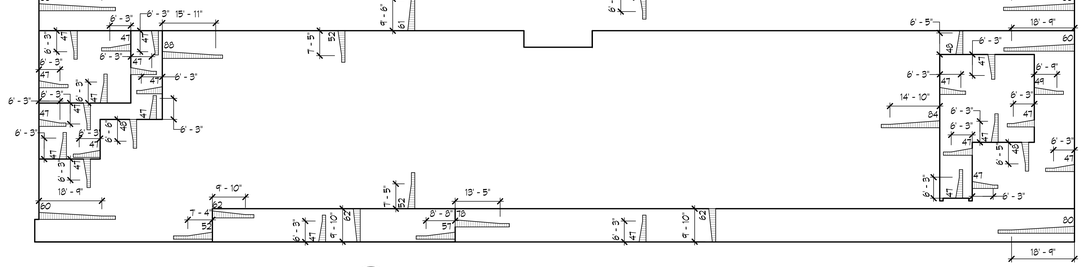
1. LIVE LOADS HAVE BEEN REDUCED FOR THE INDICATED OCCUPANCIES IN ACCORDANCE WITH SECTION 1607.11 OF THE BUILDING CODE.
2. DESIGN LOADS COMPLY WITH BC101.7, BC1604.
3. EXTERIOR WALLS: EIFS - 20 PSF, CMU BACKUP - 75 PSF, PRECAST PANELS - 120 PSF, WINDOW WALL - 45 PSF.
4. * DENOTES ELECTRICAL TRANSFORMER VAULT FLOORS, WALLS, AND ROOF DESIGN FOR A BLAST LOAD PRESSURE OF 600PSF.
5. ** DENOTES VARYING LANDSCAPING LOADS. SEE LOADING PLANS ON THIS SHEET.



2ND FLOOR TERRACE LANDSCAPE LOADING PLAN
N.T.S.

NOTES:

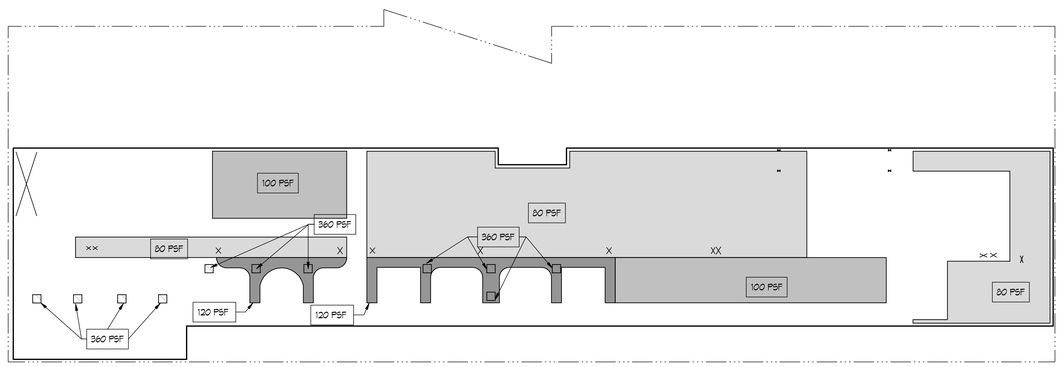
1. PLAN SHOWS MAXIMUM ALLOWABALE SUPERIMPOSED DEAD LOAD IMPOSED BY LANDSCAPING. SEE LOADING SCHEDULE FOR BALANCE OF INFORMATION.
2. COORDINATE WITH LANDSCAPING DRAWINGS.



SNOW DRIFT LOADING DIAGRAM
N.T.S.

NOTES:

1. ALL VALUES SHOWN IN POUNDS PER SQUARE FOOT(PSF)
2. SNOW DRIFT LOADS ARE SHOWN WITH 20 PSF UNIFORM SNOW LOADS ON THE REMAINDER OF THE ROOF.

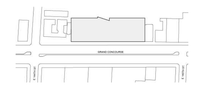


ROOF TERRACE LANDSCAPE LOADING PLAN
N.T.S.

NOTES:

1. PLAN SHOWS MAXIMUM ALLOWABALE SUPERIMPOSED DEAD LOAD IMPOSED BY LANDSCAPING. SEE LOADING SCHEDULE FOR BALANCE OF INFORMATION.
2. COORDINATE WITH LANDSCAPING DRAWINGS.

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:
350 GRAND CONCOURSE
350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00
DOB NO: X01219259-S3

DRAWING TITLE:
DESIGN CRITERIA

SCALE: As indicated PAGE: 2 OF

S-002.00

DOB SCAN STICKER

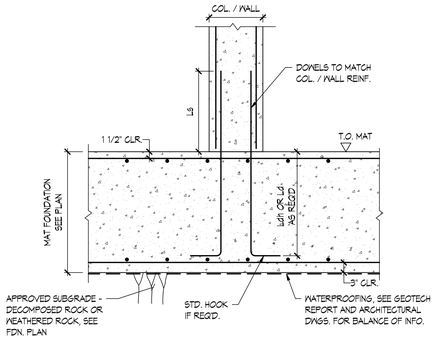
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

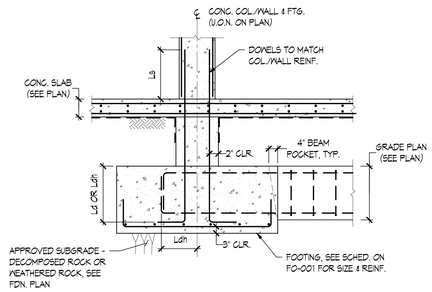
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

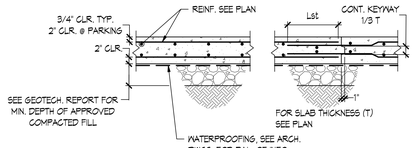
11/6/2025 4:31:50 PM
\\file2\homes\ethan.wong\ACC-R24-C5011.00_ewong\PHSAN.rvt



1 TYPICAL MAT FOUNDATION
3/4" = 1'-0"



2 TYPICAL FOOTING (FRAMED SLAB)
1/2" = 1'-0"

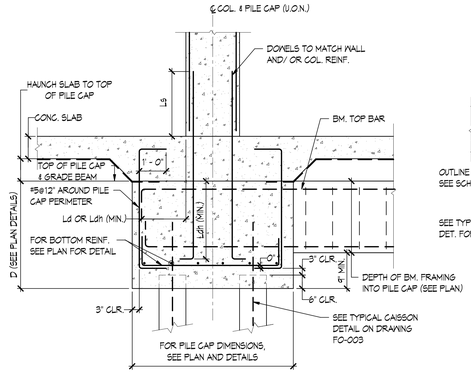


TYPICAL SLAB ON GRADE

CONSTRUCTION JOINT

NOTE: PROVIDE CONTINUOUS WATERSTOPS IN ALL JOINTS AS REQ'D. BY ARCHITECT.

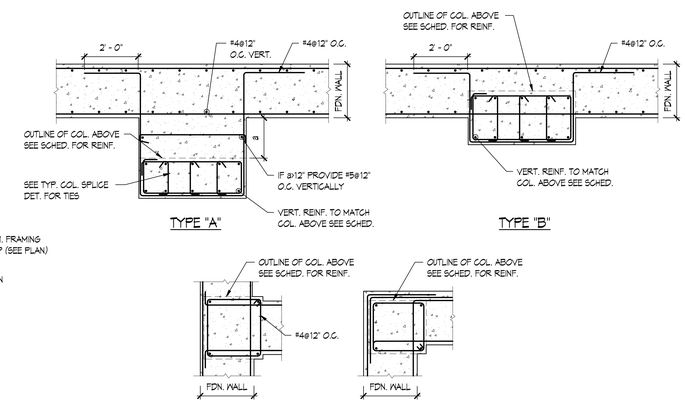
3 TYPICAL FRAMED SLAB ON GRADE
3/4" = 1'-0"



4 TYPICAL CAISSON CAP
1/2" = 1'-0"

NOTES:

1. BEAM REINFORCING TO BE DEVELOPED BEYOND FAR FACE OF COLUMN (U.O.N.)
2. GRADE BEAM(S) TO BE POURED MONOLITHICALLY WITH PILE CAP. ALTERNATIVELY, CONTRACTOR TO SUBMIT PROPOSED CONSTRUCTION JOINT LOCATION(S) FOR APPROVAL.



5 TYPICAL COLUMN BUTTRESS PLAN
1/2" = 1'-0"

NOTE: FOR BALANCE OF WALL REINFORCEMENT & OTHER INFORMATION SEE TYPICAL WALL SECTIONS / PIER-BUTTRESS DETAIL.

FOUNDATION CONCRETE GRADE BEAM SCHEDULE

BEAM NO.	SIZE (WIDTH x DEPTH)	REINFORCEMENT CL SUPPORTS	STIRRUPS TYPE	STIRRUPS SPACING FROM EACH END	REMARKS/ NOTES
GB-01	36x30	8#10 CONT. 8#7	2 LEGS 5 LEGS	#5 @ 12" O.C. #5 @ 8" O.C. @ CANT.	
GB-02	36x32	11#10 CONT. 11#7	2 LEGS 6 LEGS	#5 @ 12" O.C. #5 @ 8" O.C. @ CANT.	
GB-03	42x42	10#10 CONT. 10#7	2 LEGS 7 LEGS	#5 @ 12" O.C. #5 @ 8" O.C. @ CANT.	
GB-04	42x38	12#10 CONT. 12#7	2 LEGS 8 LEGS	#5 @ 12" O.C. #5 @ 8" O.C. @ CANT.	
GB-05	30x30	8#8 CONT. 8#7	2 LEGS 5 LEGS	#5 @ 12" O.C. BAL. #5 @ 8" O.C. @ CANT.	
GB-06	36x32	8#8 CONT. 8#7	2 LEGS 7 LEGS	#5 @ 12" O.C. #5 @ 8" O.C. @ CANT.	
GB-07	72x56	CANT. 15#11 15#8	15 LEGS 2 LEGS	#5 @ 5" O.C. CANT. #5 @ 8" O.C. BAL.	
GB-08	56x56	CANT. 9#11 CANT. 9#11 9#7	9 LEGS 2 LEGS	#5 @ 5" O.C. CANT. #5 @ 8" O.C. BAL.	TOP REINF. IN (2) LAYERS
GB-09	16x48	3#7 3#8 3#8 3#8	2 LEGS	#4 @ 8" O.C.	BOT. REINF. IN (3) LAYERS

BEAM SCHEDULE NOTES:

1. BM. NO. _ _ _ _ BM. SIZE
   LHS — BALANCE — RHS
2. BM. NO. _ _ _ _ _ _ BM. SIZE BM. NO. _ _ _ _ _ _ BM. SIZE
   DISCONT. — BALANCE — CONT. — BALANCE — DISCONT.
3. BM. NO. _ _ _ _ _ _ _ _ _ _ BM. SIZE
   DISCONT. — BALANCE — CANT.
4. EACH END INDICATES SAME REINFORCEMENT TO BE PLACED AT LEFT HAND SIDE (LHS) & RIGHT HAND SIDE (RHS). LHS CONCIDES WITH PROJECT "WEST" AND PROJECT "NORTH"
5. WHERE ONLY ONE SIDE OF STIRRUP REINFORCEMENT IS SPECIFIED, BALANCE REINFORCEMENT SHALL BE CONTINUED TO OTHER END.
6. SEE GENERAL NOTES ON DRAWING S-001 FOR CONCRETE STRENGTH.
7. ===== DENOTES CONTINUOUS REINFORCEMENT FROM ADJACENT BEAM.

FOOTING SCHEDULE

MARK	WIDTH	LENGTH	THICKNESS	REINFORCING (EACH WAY)
*F55	5' - 6"	5' - 6"	2' - 0"	5#7
F60	6' - 0"	6' - 0"	2' - 0"	6#7
*F65	6' - 6"	6' - 6"	2' - 0"	6#8
F70	7' - 0"	7' - 0"	2' - 0"	6#8
F105/80	10' - 6"	8' - 0"	2' - 4"	7#9
F135	13' - 6"	13' - 6"	3' - 4"	15#10
F150	15' - 0"	15' - 0"	3' - 6"	21#10

NOTES:

1. FOOTINGS SHALL BEAR ON DECOMPOSED ROCK WITH 6TSF BEARING CAPACITY UNLESS OTHERWISE NOTED.
2. * DENOTES FOOTING ON WEATHERED ROCK WITH 8TSF BEARING CAPACITY.

FOUNDATION NOTES:

1. REFER TO S-001 FILING #X01219254-S3 FOR BALANCE OF INFORMATION, INCLUDING BUT NOT LIMITED TO, BUILDING CODE INFORMATION AND MATERIALS.
2. FOUNDATION DESIGN HAS BEEN BASED ON GEOTECHNICAL REPORT PREPARED BY MUESER RUTLEDGE CONSULTING ENGINEERS DATED AUGUST 2025. A COPY OF THIS REPORT SHALL BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES.
3. ALL EARTHWORK, SUBGRADE PREPARATION AND FOUNDATION WORK SHALL BE DONE ACCORDING TO THE GEOTECHNICAL REPORT AND UNDER SUPERVISION OF LICENSED GEOTECHNICAL ENGINEER IN OWNER'S DIRECT EMPLOY.
4. SPREAD FOOTINGS SHALL BEAR ON DECOMPOSED ROCK WITH A MINIMUM BEARING CAPACITY OF 6 TONS PER SQUARE FOOT OR WEATHERED ROCK WITH MINIMUM BEARING CAPACITY OF 8 TONS PER SQUARE FOOT. IF MATERIAL OF THIS CAPACITY IS NOT FOUND AT THE ELEVATIONS INDICATED THE FOOTINGS SHALL BE LOWERED AT THE DIRECTION OF THE LICENSED GEOTECHNICAL ENGINEER IN OWNER'S DIRECT EMPLOY.
5. CAISSON CAPS AS SHOWN ON THE FOUNDATION PLAN SHALL BE SUPPORTED ON 13 3/8" DIAMETER DRILLED CAISSONS (250 TON COMPRESSION CAPACITY, 100 TON TENSION CAPACITY, AND 5 TON LATERAL CAPACITY) AND 4 5/8" DIAMETER DRILLED CAISSONS (200 TON COMPRESSION CAPACITY, 75 TON TENSION CAPACITY, 3 TON LATERAL CAPACITY).
6. A SURVEY OF EACH INSTALLED CAISSON SHALL BE PERFORMED BY A LICENSED SURVEYOR EMPLOYED BY THE CONTRACTOR. THE RESULTS SHALL BE SUBMITTED TO THE ENGINEER BOTH IN TABULATED FORMAT AND ON A DRAWING, AND SHALL BEAR THE SEAL OF A NEW YORK STATE LICENSED SURVEYOR. THE SURVEY SHALL SHOW CAISSON NUMBER, CUT-OFF ELEVATION AS INSTALLED, PLUMBNESS (%), AND DEVIATION FROM PLAN LOCATION IN THE NORTH-SOUTH AND EAST-WEST DIRECTIONS. SURVEYS MAY BE SUBMITTED FOR PARTIAL AREAS AS THE WORK PROGRESSES IN ORDER TO EXPEDITE THE PROGRESS OF CONSTRUCTION. NO FOUNDATION ELEMENTS MAY BE POURED UNTIL THE CAISSON AS-BUILTS ARE APPROVED BY THE ENGINEER.
7. MAKE NO EXCAVATION TO THE FULL DEPTH INDICATED WHEN FREEZING TEMPERATURES MAY BE EXPECTED UNLESS THE FOOTINGS OR SLABS CAN BE PLACED IMMEDIATELY AFTER THE EXCAVATION HAS BEEN COMPLETED. PROTECT THE BOTTOM OF EXCAVATION FROM FROST IF PLACING OF CONCRETE IS DELAYED. SHOULD PROTECTION FAIL, REMOVE FROZEN MATERIALS AND REPLACE WITH CONCRETE OR GRAVEL FILL.
8. WALLS SHALL BE TEMPORARILY BRACED AGAINST EARTH PRESSURE AND OTHER FORCES UNTIL SLABS, BEAMS AND OTHER MEMBERS DESIGNED TO BRACE THE FINISHED STRUCTURE HAVE BEEN IN PLACE AND HAVE ATTAINED REQUIRED CONCRETE ULTIMATE STRENGTH.
9. UNLESS OTHERWISE RECOMMENDED BY THE GEOTECHNICAL ENGINEER'S REPORT, SLABS ON GRADE SHALL BE SUPPORTED BY A COMPACTED POROUS FILL AT LEAST 6 INCHES THICK. AT INTERIOR SLABS A VAPOR BARRIER AT LEAST 15 MILS THICK SHALL BE PLACED BETWEEN THE SLAB AND THE POROUS FILL. THE POROUS FILL SHALL, IN TURN, BE SUPPORTED BY EITHER CLEAN, INORGANIC ORIGINAL SOIL OR A COMPACTED FILL WITH A MODIFIED PROCTOR DENSITY OF 90.

SUPPORT OF EXCAVATION:

1. SUPPORT OF EXCAVATION (SHEETING, SHORING, BRACING ETC.)SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL ENGINEER EXPERIENCED IN THIS TYPE OF WORK, EMPLOYED BY THE OWNER. THIS ENGINEER, FURTHER REFERRED TO AS THE SUPPORT OF EXCAVATION (SOE) ENGINEER SHALL BE RESPONSIBLE FOR INSPECTION OF THIS WORK AS REQUIRED BY THE PERTINENT BUILDING CODE.
2. THE SOE ENGINEER SHALL SUBMIT SHEETING, SHORING AND BRACING DRAWINGS TO THE ARCHITECT FOR COORDINATION WITH DESIGN DRAWINGS. SUCH DRAWINGS SHALL BE SUBMITTED PRIOR TO FILING OF THE STRUCTURAL DRAWINGS BY THE OFFICE FOR APPROVAL BY DOB.
3. THE SOE ENGINEER SHALL CARRY PROPER PROFESSIONAL AND GENERAL LIABILITY INSURANCE. GACE SHALL BE NAMED AS AN "ADDITIONAL INSURED" ON AND UNDER SOE ENGINEER'S INSURANCE POLICIES FOR GACE'S BENEFIT.
4. SHEETING, SHORING AND BRACING, AS WELL AS OTHER ELEMENTS OF SUPPORT OF EXCAVATION (SOE) SHALL BE SHOWN ON PLANS AND DETAILED BY THE SOE ENGINEER. THE SOE ENGINEER SHALL FILE SUCH PLANS AND OBTAIN APPROVAL FROM THE DEPARTMENT OF BUILDINGS AS PART OF THE FILING FOR THE FOUNDATION PERMIT.

CAST-IN-PLACE CONCRETE NOTES:

1. CONCRETE TYPES
   A. NON-STRUCTURAL FILL - 3000 PSI LIGHTWEIGHT CONCRETE (115 PCF MAX.).
   B. SLABS AT PARKING LEVELS - 8,000PSI HIGH PERFORMANCE CONCRETE
   C. ALL OTHER CONCRETE - 8,000 PSI STONE CONCRETE.
2. BAR REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60 UNLESS HIGHER GRADE IS INDICATED ON DRAWINGS.
3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A1064 WITH A MINIMUM ULTIMATE TENSILE STRENGTH OF 70,000 PSI.
4. CONCRETE SHALL BE CAST MONOLITHICALLY BETWEEN JOINTS SHOWN ON THE STRUCTURAL DRAWINGS. REQUESTS FOR ADDITIONAL CONSTRUCTION JOINTS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. ADDITIONAL CONSTRUCTION JOINTS NOT SHOWN ON DRAWINGS MAY REQUIRE ADDITIONAL REINFORCING AT THE DIRECTION OF THE ENGINEER OF RECORD.
5. REINFORCEMENT MARKED "CONT." (CONTINUOUS) SHALL BE LAPPED A PROPER DISTANCE AT SPLICES AND CORNERS AND SHALL BE HOOKED OR EXTENDED A PROPER DISTANCE AT NON-CONTINUOUS ENDS AS PER SPLICE AND DEVELOPMENT LENGTH REQUIREMENTS SHOWN ON THE DRAWINGS. ALL HORIZONTAL WALL REINFORING SHALL BE CONTINUOUS.
6. REINFORCEMENT SHALL BE CONTINUOUS THROUGH ALL CONSTRUCTION JOINTS. THE CONTRACTOR SHALL LOCATE CONSTRUCTION JOINTS AT POINTS OF MINIMUM SHEAR.
7. SPLICES FOR ALL REINFORCEMENT IN SHEAR WALLS SHALL BE TENSION SPLICES.
8. REINFORCING BARS SHALL HAVE THE FOLLOWING CONCRETE PROTECTION:
   CONCRETE CAST AGAINST EARTH - 3"
   EXPOSED TO EARTH OR WEATHER - 2"
   SLABS NOT EXPOSED - 3/4", OR 1 BAR DIA. FOR #7 BARS OR LARGER
   WALLS NOT EXPOSED - 3/4", OR 1" FOR SHEAR WALLS WITH #11 JAMB
   BEAMS AND GIRDERS NOT EXPOSED - 1-1/2" TO STIRRUPS
   COLUMNS NOT EXPOSED - 1-1/2" TO TIES
9. MAXIMUM LENGTH OF CONCRETE POUR (DISTANCE BETWEEN CONSTRUCTION JOINTS) SHALL BE 50 FEET DURING JUNE, JULY, AUGUST AND SEPTEMBER AND 75 FEET DURING THE REST OF THE YEAR. LOCATION OF CONSTRUCTION JOINTS, IF REQUIRED, SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT.
10. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND LOCATIONS OF ALL OPENINGS, PIPE SLEEVES, ANCHOR BOLTS, ETC. AS REQUIRED BY TRADES BEFORE CONCRETE IS POURED.
11. THE CONTRACTOR SHALL PROVIDE SLAB BOLSTERS, HIGH CHAIRS AND ALL ACCESSORIES REQUIRED FOR PROPER PLACEMENT OF REINFORCING BARS AND WIRE MESH AS PER A.C.I. & C.R.S.I. STANDARDS.
12. CONCRETE MAY BE CONVEYED BY PUMPING. PUMPING METHODS SHALL COMPLY WITH REQUIREMENTS ESTABLISHED BY A.C.I. COMMITTEE 304, PLACING CONCRETE PUMPING METHODS.
13. PRIOR TO PLACING CONCRETE, ALL REINFORCEMENT SHALL BE FREE OF LOOSE FLAKY RUST, MUD, OIL OR OTHER COATING THAT WILL DESTROY, REDUCE OR HAMPER FULL BOND CAPACITY.
14. THE PLACEMENT OF DOWELS, ANCHOR RODS, OR ANY OTHER EMBEDMENTS INTO WET CONCRETE "WET STICKING", SHALL NOT BE PERMITTED.
15. CONTROL AND EXPANSION JOINTS SHALL BE PROVIDED TO MINIMIZE CRACKING AS PER ARCHITECTURAL AS WELL AS STRUCTURAL REQUIREMENTS AND IN ACCORDANCE WITH STANDARD PRACTICES ACCEPTED IN THE INDUSTRY.
16. THE FOLLOWING CRITERIA SHALL BE MET WITH REGARDS TO PLACEMENT OF CONDUITS, PIPES, ETC. IN CONCRETE SLABS.
   A. ALL CONDUITS SHALL BE CENTERED AT MID-DEPTH OF SLAB. CONDUIT DIAMETER SHALL NOT EXCEED 1/3 OF SLAB THICKNESS. CLEAR DISTANCE BETWEEN TWO ADJACENT CONDUITS SHALL BE A MINIMUM OF 3 DIAMETERS OF LARGER OF THE TWO CONDUITS.
   B. VERTICAL SLEEVES, PIPES, ETC. THROUGH SLAB EITHER CLUSTERED OR INDIVIDUAL, SHALL NOT INTERRUPT MORE THAN 1/3 OF THE WIDTH OF COLUMN STRIP.
   C. NO REINFORCEMENT BARS SHALL BE CUT, BENT, SHIFTED OR OTHERWISE ALTERED AS CONDUITS, PIPES, ETC. AS COMPARED TO WHAT IS SHOWN ON THESE DRAWINGS.
   D. ANY DEVIATIONS FROM ABOVE REQUIREMENTS SHALL BE SHOWN ON THE SHOP DRAWINGS AND SUBMITTED FOR APPROVAL BY THIS OFFICE.

SPECIAL INSPECTION NOTES:

1. SPECIAL INSPECTION ITEMS REQUIRED BY NYC BUILDING CODE RELATED TO FOUNDATION WORK SHOWN ON GACE DRAWINGS. GACE SHALL BE THE DESIGN APPLICANT FOR THESE ITEMS.

A. CONCRETE - CAST-IN-PLACE
B. CONCRETE SAMPLING AND TESTING
C. CONCRETE DESIGN MIX
D. DEEP FOUNDATION ELEMENTS - TR5
E. FOOTING AND FOUNDATION PROGRESS INSPECTION
F. FINAL

THE CONTRACTOR IS OBLIGATED TO NOTIFY THE INSPECTOR AT LEAST 72 HOURS BEFORE INSTALLATION OF SUCH ITEMS SO THAT PROPER INSPECTION CAN BE MADE. IN NO CASE SHALL SUCH ITEMS BE INSTALLED OR CONSTRUCTED WITHOUT COMPLETE APPROVAL OF THE INSPECTOR. UNAPPROVED INSTALLATION IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S SOLE EXPENSE.

ALL SPECIAL INSPECTIONS SHALL BE PERFORMED BASED ON APPROVED SHOP DRAWINGS. INSPECTIONS PERFORMED BASED ON UNAPPROVED DRAWINGS SHALL BE CONSIDERED INVALID AND SHALL BE REJECTED.

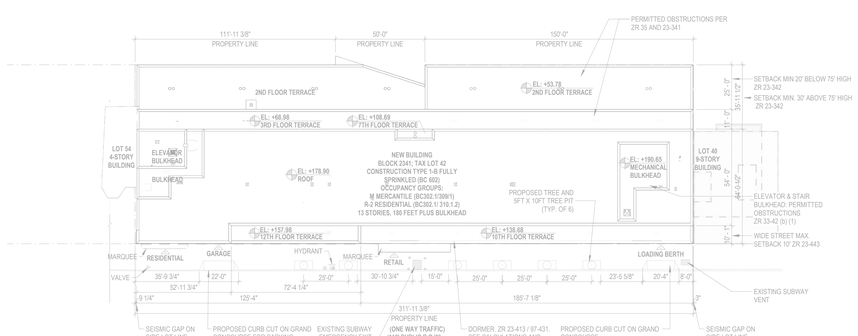
NEW YORK CITY CODE NOTES

SCOPE OF WORK:
FOUNDATION WORK PROPOSED FOR NEW BUILDING AS SHOWN ON PLANS HEREIN.

- FOUNDATION DRAWINGS ARE IN COMPLIANCE WITH BC107.7.1, AND BC CHAPTERS 16, 18, AND 19, INCLUDING BC 1808-1812 FOR DEEP FOUNDATIONS.
- FOUNDATIONS EXTEND BELOW FROST LINE.
- REFER TO S-002 (RELATED FILING #X01219254-S3) FOR LOAD CRITERIA AND SCHEDULES.

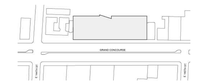
RELATED JOB APPLICATION NUMBERS:

NEW BUILDING (NB):	X01219254-I1
FOUNDATION (FO):	X01219254-S2
STRUCTURAL (ST):	X01219254-S3
SUPPORT OF EXCAVATION (SE):	X01219254-S1
MECHANICAL SYSTEMS (MS):	X01219254-S4
PLUMBING (PL):	X01219254-S5
STANDPIPE, SPRINKLER (SPSD):	X01219254-S6
TEMPORARY STANDPIPE (TSD):	X01219254-S7
UNDERGROUND PLUMBING (UDS PL):	X01219254-S8



PLOT PLAN
1" = 30'-0"

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 290 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S2

DRAWING TITLE:

FOUNDATION GENERAL NOTES AND TYPICAL DETAILS 1

SCALE: As indicated PAGE: 3 OF

FO-001.00

DOB SCAN STICKER

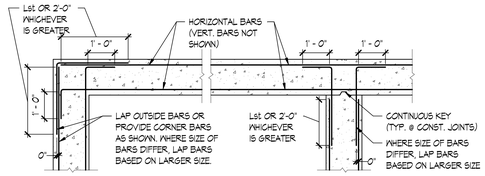
SEAL

CONSTRUCTION DOCUMENTS NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:39:42 PM
\\fs3\homes\ethan.wong\ACC-R24-C5011.00_ewong\PHSAN.rvt

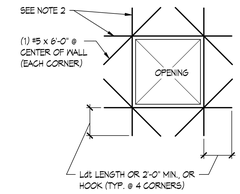


AT CORNERS AT INTERSECTIONS

TYPICAL HORIZONTAL REINFORCING FOR CONCRETE WALLS (PLAN)

1 — 1/2" = 1'-0"

NOTE: PROVIDE CONTINUOUSE WATERSTOPS IN ALL JOINTS AS REQUIRED BY ARCHITECT.

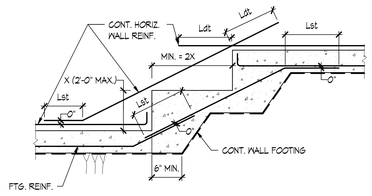


TYPICAL OPENING IN CONCRETE WALL

2 — 1/2" = 1'-0"

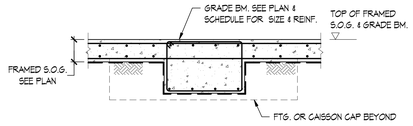
NOTES:

1. HOOK ALL INTERRUPTED CONTINUOUS BARS.
2. PLACE ONE-HALF OF REINFORCING BAR AREA INTERRUPTED BY OPENING IN THE SAME FACE AT BOTH SIDES OF OPENING. TWO #5 EACH SIDE MIN.



TYPICAL STEPPED FOOTING

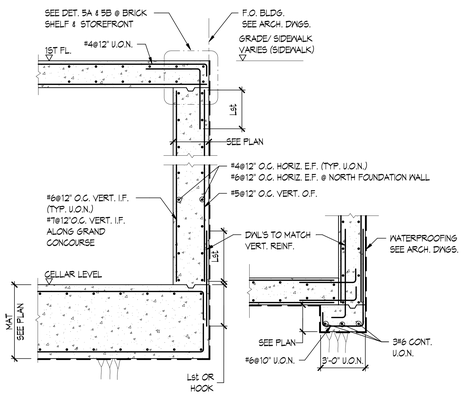
3 — 1/2" = 1'-0"



TYPICAL GRADE BEAM EVEN WITH TOP OF FRAMED SLAB ON GRADE

4 — 1/2" = 1'-0"

NOTE:
GRADE BEAM(S) TO BE POURED MONOLITHICALLY WITH FRAMED SLAB AND FOUNDATIONS. ALTERNATIVELY, CONTRACTOR TO SUBMIT PROPOSED CONSTRUCTION JOINT LOCATION(S) FOR APPROVAL.

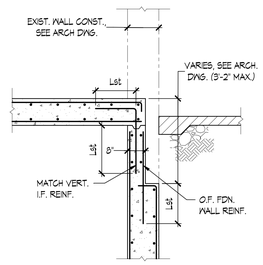


AT MAT OR CAISSON CAP AT FOOTING

TYPICAL FOUNDATION WALL

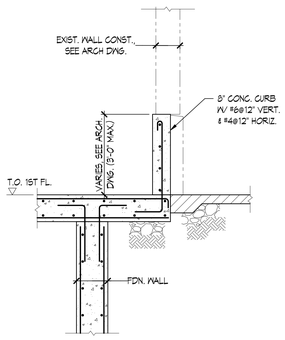
5 — 1/2" = 1'-0"

NOTE: PROVIDE CONTINUOUS WATERSTOPS IN JOINTS AS REQ'D. BY ARCHITECT.



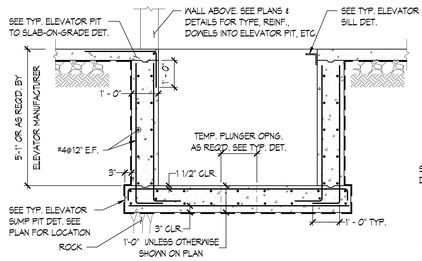
TOP OF FOUNDATION WALL - BRICK SHELF BELOW TOP OF SLAB

5A — 1/2" = 1'-0"

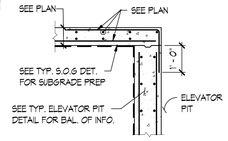


TOP OF FOUNDATION WALL - STOREFRONT ABOVE TOP OF SLAB

5B — 1/2" = 1'-0"

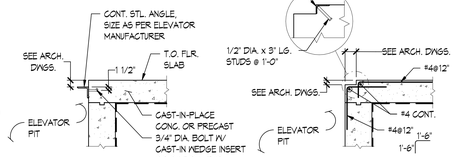


ELEVATOR PIT



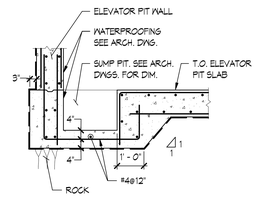
AT NEW FRAMED SLAB

ELEVATOR PIT TO SLAB-ON-GRADE CONNECTION

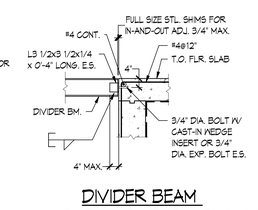


ON STEEL ANGLE ON RECESS IN CONCRETE

ELEVATOR SILL



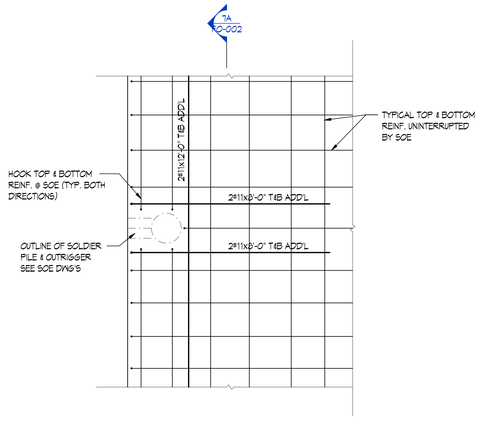
ELEVATOR SUMP-PIT



DIVIDER BEAM CONNECTION TO ELEVATOR PIT

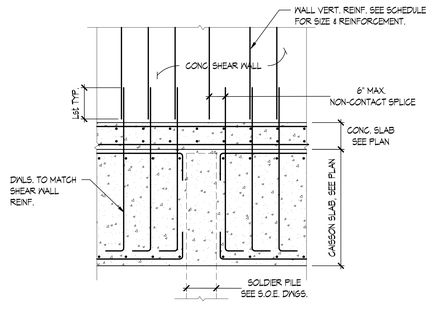
TYPICAL ELEVATOR PIT

6 — 1/2" = 1'-0"



SOE PENETRATION AT NORTH CAISSON CAP (PLAN VIEW)

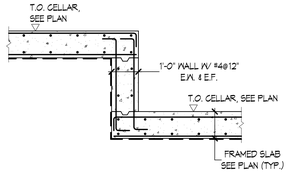
7 — 1/2" = 1'-0"



SECTION THROUGH CAP AT SOE PENETRATION

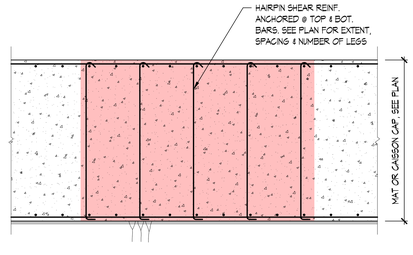
7A — 1/2" = 1'-0"

NOTES: SHEAR WALL HORIZONTAL REINFORCEMENT NOT SHOWN FOR CLARITY



TYPICAL STEP AT FRAMED SLAB-ON-GRADE

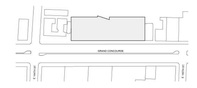
8 — 1/2" = 1'-0"



TYPICAL SHEAR REINFORCEMENT IN MAT FOUNDATION OR CAISSON CAP

9 — 1/2" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:
350 GRAND CONCOURSE
350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00
DOB NO: X01219259-S2

DRAWING TITLE:
FOUNDATION TYPICAL DETAILS 2

SCALE: 1/2" = 1'-0" PAGE: 4 OF

FO-002.00

DOB SCAN STICKER

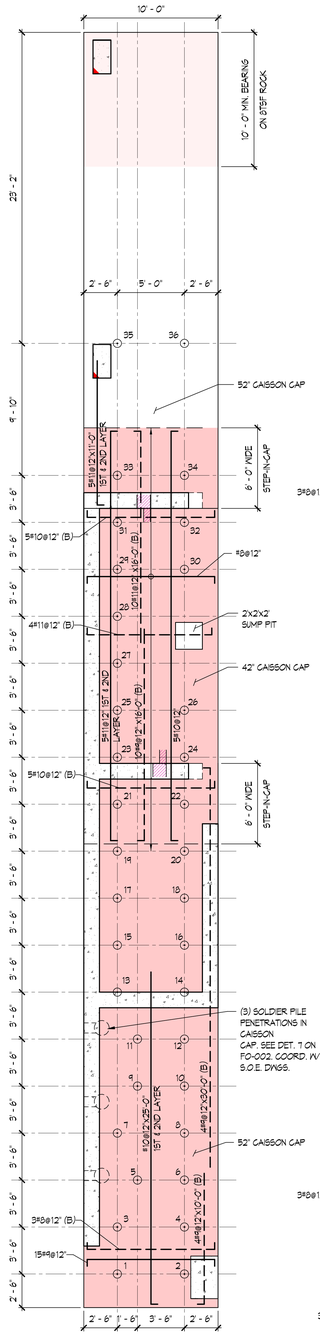
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

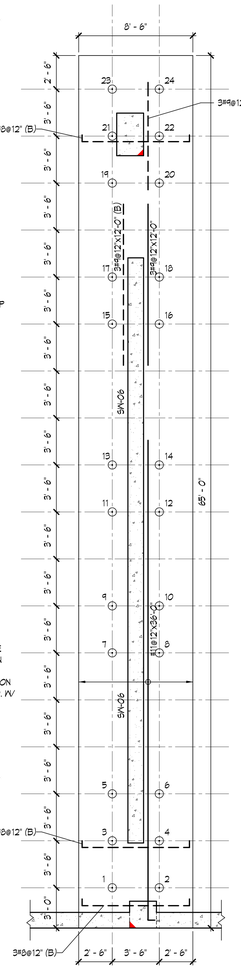
11/6/2025 4:39:54 PM
\\file7\home\ethan.wong\ACC-R24-C5011.00_ewong\FHSAN.rvt



CC-36-250

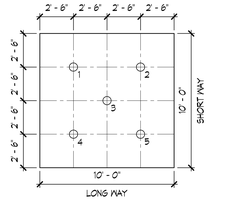
1/4" = 1'-0"
D = 52'/42', SEE PLAN
#10@12" BOTTOM REINFORCEMENT EACH WAY 1ST & 2ND LAYER
#11@12" TOP REINF. EACH WAY
13-3/8" DIA. CAISSONS WITH 250T COMPRESSION CAPACITY, 100T TENSION CAPACITY, AND 5T LATERAL CAPACITY

DENOTES REGION OF SHEAR REINFORCEMENT. SEE DETAIL 9 ON DRAWING FO-002. PROVIDE #5@12" HAIRPINS IN EACH DIRECTION. HOOK HAIRPINS AROUND OUTERMOST LAYER OF LONGITUDINAL MAT REINFORCEMENT.



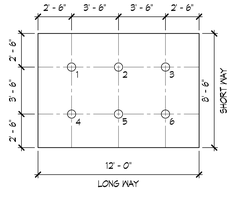
CC-24

1/4" = 1'-0"
D = 56'
#10@12" BOTTOM REINFORCEMENT EACH WAY
#10@12" TOP REINFORCEMENT EACH WAY
9-5/8" DIA. CAISSONS WITH 200T COMPRESSION CAPACITY, 15T TENSION CAPACITY, AND 3T LATERAL CAPACITY



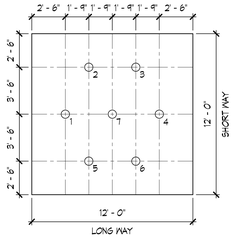
CC-5

D=56'
14#11 LONG WAY
14#11 SHORT WAY
9-5/8" DIA. CAISSONS WITH 200T COMPRESSION CAPACITY



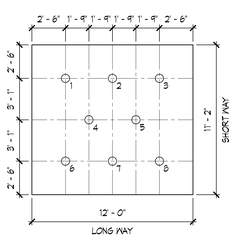
CC-6

D=57'
15#11 LONG WAY
13#11 SHORT WAY
9-5/8" DIA. CAISSONS WITH 200T COMPRESSION CAPACITY



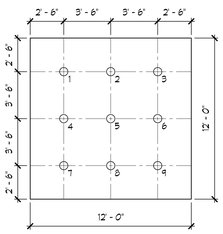
CC-7

D=64'
12#11 EACH WAY
9-5/8" DIA. CAISSONS WITH 200T COMPRESSION CAPACITY



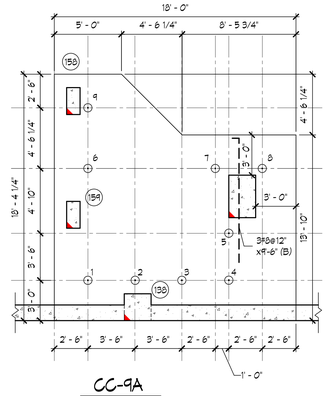
CC-8

D=56'
15#11 EACH WAY
9-5/8" DIA. CAISSONS WITH 200T COMPRESSION CAPACITY



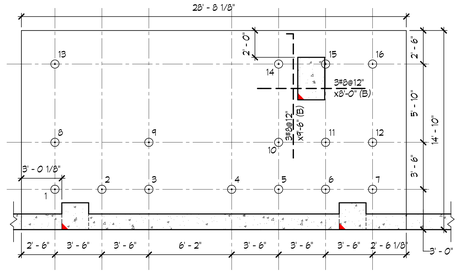
CC-9

D=66'
18#11 EACH WAY
9-5/8" DIA. CAISSONS WITH 200T COMPRESSION CAPACITY



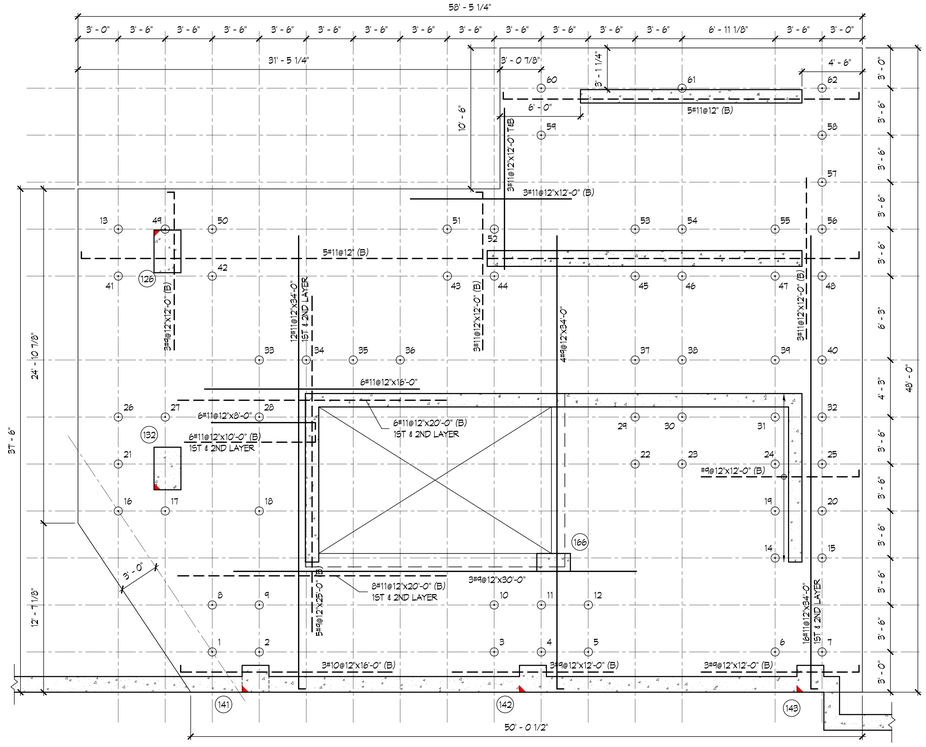
CC-9A

1/4" = 1'-0"
D = 56'
#10@12" BOTTOM REINFORCEMENT EACH WAY
#10@12" TOP REINFORCEMENT EACH WAY
9 5/8" DIA. CAISSONS WITH 200T COMPRESSION CAPACITY, 15T TENSION CAPACIT, AND 3T LATERAL CAPACITY



CC-16

1/4" = 1'-0"
D = 56'
#10@12" BOTTOM REINFORCEMENT EACH WAY
#10@12" TOP REINFORCEMENT EACH WAY
9-5/8" DIA. CAISSONS WITH 200T COMPRESSION CAPACITY, 15T TENSION CAPACITY, AND 3T LATERAL CAPACITY



CC-62-250

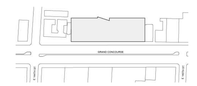
1/4" = 1'-0"
D = 56'
#11@12" BOTTOM REINFORCEMENT EACH WAY
#11@12" TOP REINFORCEMENT EACH WAY
13 3/8" DIA. CAISSONS WITH 250T COMPRESSION CAPACITY, 100T TENSION CAPACITY AND 5T LATERAL CAPACITY

TYPICAL CAISSON CAPS (PLAN)

1/4" = 1'-0"

NOTES:
1. D = DEPTH OF CAISSON CAP.
2. CC-X DENOTES CAISSON CAP WITH "X" NUMBER OF CAISSONS. SEE TYPICAL CAISSON DETAILS FOR BALANCE OF INFORMATION.
3. ALL CAISSON CAP REINFORCING TO HAVE STANDARD HOOKS AT EACH END.
4. LONG WAY BARS SHALL BE PLACED IN OUTERMOST LAYER.
5. PLAN DIMENSIONS SHOWN MAY INCREASE BASED ON AS-BUILT CAISSON LOCATIONS. 2'-6" MINIMUM EDGE DISTANCE SHALL BE MAINTAINED.
6. REINFORCEMENT SHOWN ON PLAN SHALL BE PLACED IN ADDITION TO TYPICAL TOP AND BOTTOM REINFORCEMENT.

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S2

DRAWING TITLE:

FOUNDATION TYPICAL DETAILS 3

SCALE: As indicated PAGE: 5 OF

FO-003.00

DOB SCAN STICKER

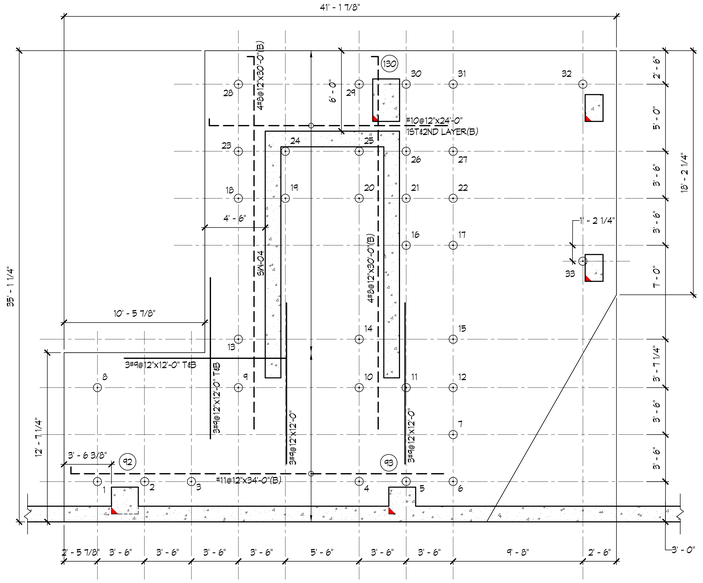
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:39:58 PM
\\file2\homes\ethan.wong\ACC-R24-C5011.00_ewong\PHSAN.rvt



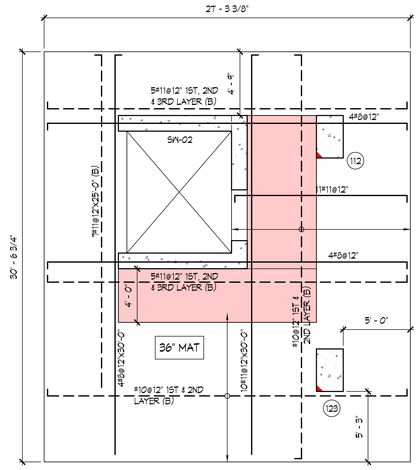
CC-33

D = 56'
#10@12" BOTTOM REINF. EACH WAY
#10@12" TOP REINF. EACH WAY
4 5/8' DIA. CAISSONS WITH 200T COMPRESSION CAPACITY, 75T TENSION CAPACITY, AND 3T LATERAL CAPACITY.

TYPICAL CAISSON CAPS (PLAN)

1/4" = 1'-0"

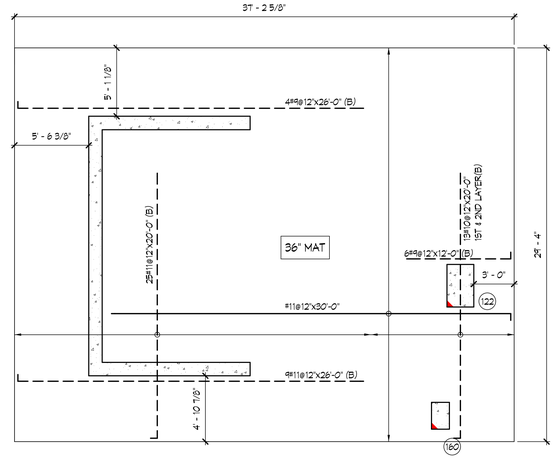
NOTES:
1. D = DEPTH OF CAISSON CAP.
2. CC-X DENOTES CAISSON CAP WITH 'X' NUMBER OF CAISSONS. SEE TYPICAL CAISSON DETAILS FOR BALANCE OF INFORMATION.
3. ALL CAISSON CAP REINFORCING TO HAVE STANDARD HOOKS AT EACH END.
4. LONG WAY BARS SHALL BE PLACED IN OUTERMOST LAYER.
5. PLAN DIMENSIONS SHOWN MAY INCREASE BASED ON AS-BUILT CAISSON LOCATIONS. 2'-6" MINIMUM EDGE DISTANCE SHALL BE MAINTAINED.
6. REINFORCEMENT SHOWN ON PLAN SHALL BE PLACED IN ADDITION TO TYPICAL TOP AND BOTTOM REINFORCEMENT.



MAT FOUNDATION M-1

1/4" = 1'-0"

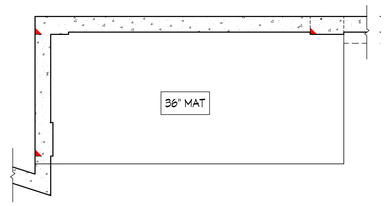
NOTES:
1. TOP AND BOTTOM REINFORCEMENT TO BE HOOKED AT MAT EDGES.
2. PLACE EAST-WEST REINFORCEMENT IN OUTERMOST LAYER.
3. ——— DENOTES TOP RINFORCEMENT IN ADDITION TO TYPICAL TOP REINFORCEMENT OF #8@12" EACH WAY CONTINUOUS.
4. _ (B) _ DENOTES BOTTOM REINFORCEMENT IN ADDITION TO TYPICAL BOTTOM REINFORCEMENT OF #11@12" EACH WAY CONTINUOUS.
5. MAT SHALL BEAR ON DECOMPOSED ROCK WITH MINIMUM 6 TSF BEARING CAPACITY.
6. DENOTES REGION OF SHEAR REINFORCEMENT. SEE DETAIL 9 ON DRAWING FO-002. PROVIDE #4@12" HAIRPINS IN EACH DIRECTION. HOOK HAIRPINS AROUND OUTERMOST LAYER OF LONGITUDINAL MAT REINFORCEMENT.



MAT FOUNDATION M-2

1/4" = 1'-0"

NOTES:
1. TOP AND BOTTOM REINFORCEMENT TO BE HOOKED AT MAT EDGES.
2. PLACE EAST-WEST REINFORCEMENT IN OUTERMOST LAYER.
3. ——— DENOTES TOP RINFORCEMENT IN ADDITION TO TYPICAL TOP REINFORCEMENT OF #8@12" EACH WAY CONTINUOUS.
4. _ (B) _ DENOTES BOTTOM REINFORCEMENT IN ADDITION TO TYPICAL BOTTOM REINFORCEMENT OF #8@12" EACH WAY CONTINUOUS.
5. MAT SHALL BEAR ON DECOMPOSED ROCK WITH MINIMUM 6 TSF BEARING CAPACITY.

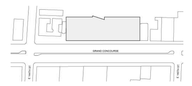


MAT FOUNDATION *M-3

1/4" = 1'-0"

NOTES:
1. TOP AND BOTTOM REINFORCEMENT TO BE HOOKED AT MAT EDGES.
2. PLACE EAST-WEST REINFORCEMENT IN OUTERMOST LAYER.
3. ——— DENOTES TOP RINFORCEMENT IN ADDITION TO TYPICAL TOP REINFORCEMENT OF #11@6" EACH WAY CONTINUOUS.
4. _ (B) _ DENOTES BOTTOM REINFORCEMENT IN ADDITION TO TYPICAL BOTTOM REINFORCEMENT OF #8@6" EACH WAY CONTINUOUS.
5. MAT SHALL BEAR ON WEATHERED ROCK WITH MINIMUM 8 TSF BEARING CAPACITY.

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S2

DRAWING TITLE:

FOUNDATION TYPICAL DETAILS 4

SCALE: As indicated PAGE: 6 OF

FO-004.00

DOB SCAN STICKER

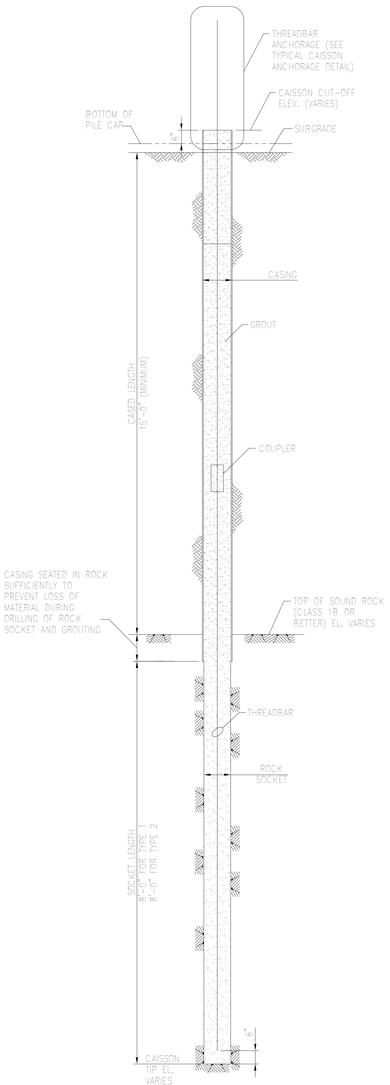
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

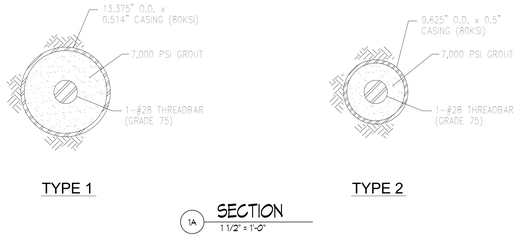
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

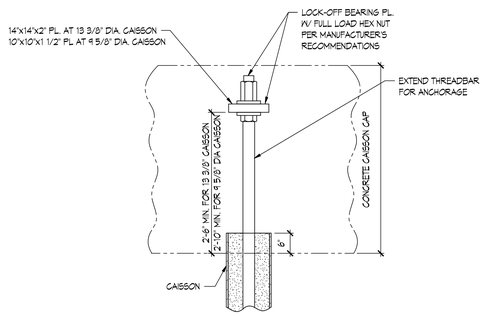
11/4/2025 4:31:02 PM
\\files\home\ekathan.wong\ACC-R24-C5011.00_ewongHSAN.rvt



1 TYPICAL CAISSON DETAIL - ELEVATION

N.T.S.





2 TYPICAL CAISSON ANCHORAGE DETAIL

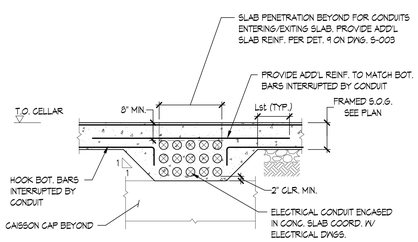
3/4" = 1'-0"

CAISSON GENERAL NOTES:

1. SEE FOUNDATION DRAWINGS FOR CAISSON LAYOUT.
2. PRIOR TO INSTALLATION OF CAISSONS, THE ENGINEER OF RECORD SHALL APPROVE CAISSON SHOP DRAWINGS, NOTES AND PROCEDURES TO CONFIRM DESIGN AND INSTALLATION IMPACTS.
3. ESTIMATED TOP OF ROCK SHOWN IS BASED ON GEOTECHNICAL INFORMATION PREPARED BY MUESER RUTLEDGE CONSULTING ENGINEERS AND IS SHOWN FOR REFERENCE ONLY. ACTUAL TOP OF ROCK TO BE CONFIRMED DURING CAISSON INSTALLATION.
4. CAISSON ALLOWABLE DESIGN LOADS ARE:
   TYPE 1 - 250T COMPRESSION, 100T TENSION AND 5T LATERAL
   TYPE 2 - 200T COMPRESSION, 75T TENSION AND 3T LATERAL
5. STEEL PIPE CASING SHALL BE OF THE MINIMUM SIZE AND YIELD STRENGTH INDICATED ON THE SECTIONS.
6. THREADBARS SHALL BE OF THE SIZE AND GRADE INDICATED ON THE SECTIONS. COUPLINGS SHALL BE STOP-TYPE CAPABLE OF DEVELOPING THE FULL TENSILE CAPACITY OF THE BAR. CENTRALIZERS SHALL BE PROVIDED AT 10'-0" O.C., MAXIMUM.
7. GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH INDICATED ON THE SECTIONS AT 28 DAYS.
8. CAISSON ROCK SOCKETS SHALL BE OF THE MINIMUM DIAMETER AND LENGTH INDICATED ON THE SECTIONS AND SHALL BE IN NYCBC CLASS 1B ROCK OR BETTER.
9. PRIOR TO CONSTRUCTION OF THE PILE CAP, THE AS-BUILT LOCATION OF THE CAISSONS AT CUT-OFF LEVEL SHALL BE SURVEYED AND SUBMITTED TO THE ENGINEER FOR APPROVAL.
10. GROUT TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 316326.
11. MINIMUM OF (2) LATERAL LOAD TESTS PER CAISSON TYPE IS REQUIRED. SEE SPECIFICATION SECTION 316329 "DRILLED CAISSONS" FOR BALANCE OF INFORMATION.

CAISSON INSTALLATION NOTES:

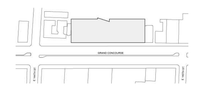
1. ADVANCE CASING THROUGH THE SOIL OVERBURDEN TO TOP OF SOUND ROCK. REMOVE SOIL FROM WITHIN THE CASING USING INTERNAL FLUSH TECHNIQUES. EXTERNAL FLUSH WILL NOT BE PERMITTED. USE OF FORCED AIR WILL NOT BE PERMITTED EXCEPT IF REQUIRED TO PENETRATE AN OBSTRUCTION. NYCT DOES NOT ALLOW USE OF DOWN-THE-HOLE HAMMERS IN SOIL.
2. FIRMLY SEAT CASING INTO NYCBC CLASS 1B ROCK OR BETTER AS REQUIRED TO PROVIDE A SEAL THAT PREVENTS MIGRATION OF SOIL INTO THE CASING OR ROCK SOCKET.
3. DRILL ROCK SOCKET USING A DOWN-THE-HOLE HAMMER OR A ROTARY CORE DRILL. FORCED AIR MAY BE USED TO REMOVE ROCK CUTTINGS FROM THE SOCKET PROVIDED THE CASING IS PROPERLY SEATED INTO SOUND ROCK SUCH THAT INFILTRATION OF THE SOIL INTO THE CASING DUE TO THE SUCTION CAUSED BY THE FORCED AIR IS PREVENTED. ROCK SOCKET DEPTH SHOWN ON THE CONTRACT DRAWINGS IS ESTIMATED. FINAL SOCKET DEPTH WILL BE MADE IN THE FIELD BY THE OWNER'S ENGINEER ON THE BASIS OF THE VISUAL EXAMINATION OF THE ROCK SOCKET DRILLING AND CUTTINGS.
4. CLEANING - PLACE A TREMIE PIPE TO THE BOTTOM OF THE PILE. INJECT WATER THROUGH THE TREMIE PIPE, FLUSHING OUT SEDIMENTS TRAPPED IN THE ROCK SOCKET AND CASING. CONTINUE PUMPING WATER UNTIL CLEAN WATER IS NOTED RETURNING TO THE TOP OF THE CASING. WITHDRAW THE TREMIE PIPE.
5. PROVIDE VIDEO INSPECTION OF THE SEATING OF CASING ON ROCK AND THE ENTIRE ROCK SOCKET, IN THE PRESENCE OF THE SPECIAL INSPECTOR. THE CONTRACTOR SHALL TREAT THE WATER IN THE SOCKET OR FLUSH THE SOCKET, AS NECESSARY, TO CLARIFY THE WATER SUFFICIENTLY TO ALLOW FOR THE PERFORMANCE OF THE VIDEO INSPECTION. THE SPECIAL INSPECTOR MAY DIRECT RESEATING OF THE CASING OR AN INCREASE IN ROCK SOCKET LENGTH IF UNSUITABLE ROCK IS OBSERVED DURING THE VIDEO INSPECTION.
6. INSTALL THE REBAR IN THE CAISSON WITH COUPLERS AND CENTRALIZERS TO THE FULL DEPTH OF THE HOLE.
7. INSTALL A TREMIE PIPE TO THE BOTTOM OF THE ROCK SOCKET AND FILL THE INSIDE OF THE CASING WITH TREMIE GROUT. CONTINUE PUMPING GROUT UNTIL GOOD GROUT RETURN IS NOTED FROM THE TOP OF THE CASING. MAINTAIN TIP OF TREMIE PIPE MINIMUM 5 FEET BELOW TOP OF GROUT AT ALL TIMES.
8. PERFORM FINAL AS-BUILT SURVEY OF TOP OF CAISSON LOCATION AND VERTICALITY.



3 UNDERGROUND ELECTRICAL CONDUITS ENCASED IN CONCRETE FRAMED SLAB-ON-GRADE

1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S2

DRAWING TITLE:

FOUNDATION TYPICAL DETAILS 5

SCALE: As indicated PAGE: 6 OF

FO-005.00

DOB SCAN STICKER

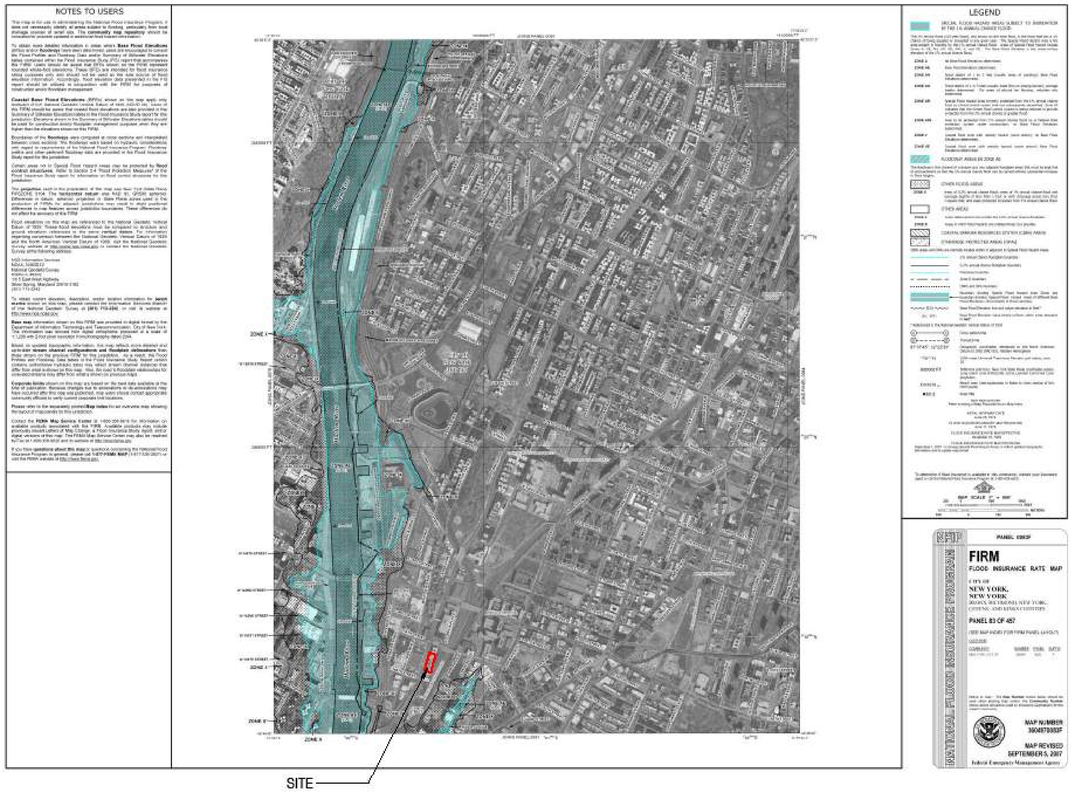
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

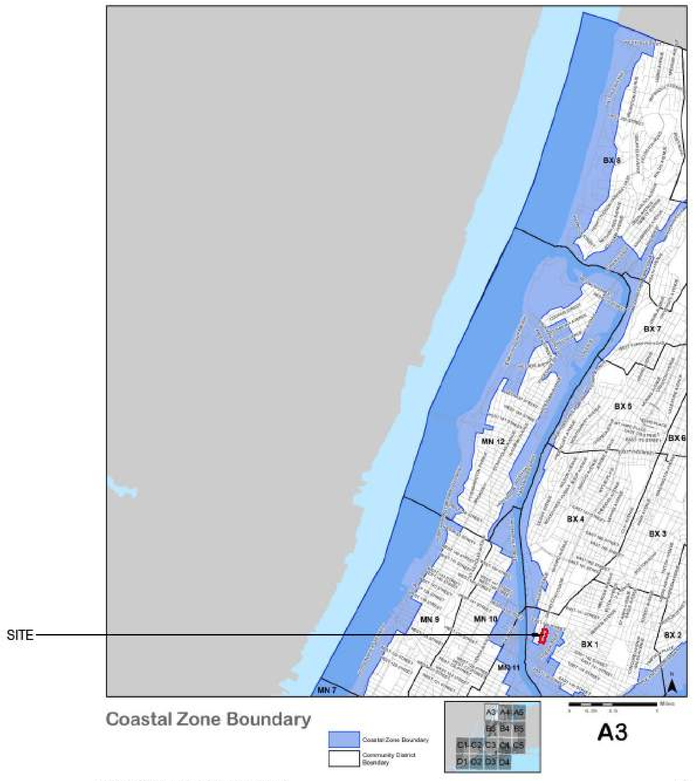
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:31:05 PM
\\file2\home\ethan.wong\ACC-R24-C5011.00_wongPHSAN.rvt



FEMA FLOOD MAP (2007)

FEMA FLOOD MAP (2013)



COASTAL ZONE BOUNDARY MAP (2013)

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE. 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S2

DRAWING TITLE:

FLOOD MAPS

SCALE: PAGE: 7 OF

FO-006.00

DOB SCAN STICKER

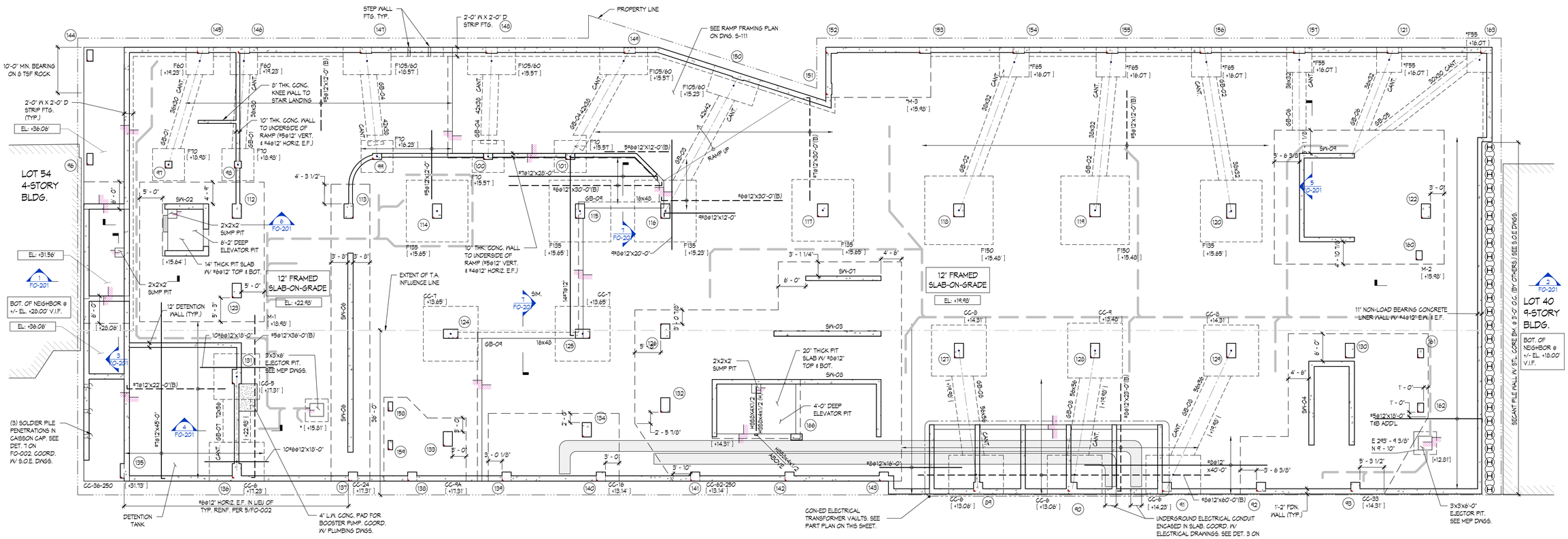
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:31:07 PM
I:\Projects\Nathan wong\ACC-R24-C5011.00_ewong\PHSAN.rvt

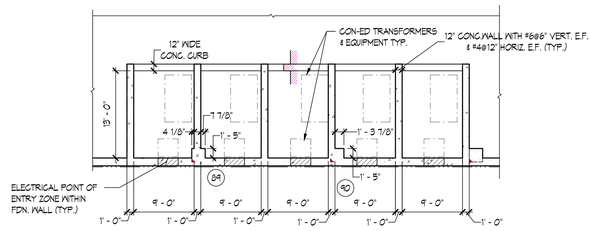


FOUNDATION & CELLAR FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. ALL ELEVATIONS INDICATED WITH RESPECT TO NAVD88 DATUM.
2. [X" CONCRETE SLAB] DENOTES CONCRETE SLAB OF THICKNESS 'X.
3. ALL REINFORCING SHOWN ON PLAN IS TO BE PLACED IN ADDITION TO THE FOLLOWING:
   12" SLAB : TYPICAL #7@12" TOP AND #6@12" BOTTOM REINFORCEMENT EACH WAY CONTINUOUS.
   PLACE EAST-WEST REINFORCEMENT IN THE OUTERMOST LAYER.
4. [EL. XX'-XX"] DENOTES TOP OF SLAB ELEVATION.
5. FXX DENOTES SPREAD FOOTING ON DECOMPOSED ROCK WITH MINIMUM 8 TSF BEARING CAPACITY. FOR FOOTING SIZE & REINFORCEMENT, SEE SCHEDULE ON DRAWING FO-001.
6. *FXX DENOTES SPREAD FOOTING ON WEATHERED ROCK WITH MINIMUM 8 TSF BEARING CAPACITY. FOR FOOTING SIZE & REINFORCEMENT, SEE SCHEDULE ON DRAWING FO-001.
7. [EL. +XX] DENOTES BOTTOM OF FOOTING ELEVATION RELATIVE TO TOP OF NAVD88 DATUM, IF PROPER BEARING MATERIAL IS NOT FOUND AT THE ELEVATION INDICATED, LOWER THE BOTTOM OF FOOTING AS NECESSARY. A [1.5H:1V] INFLUENCE LINE SHALL BE MAINTAINED BETWEEN BOTTOM OF ADJACENT FOOTINGS.
8. M-X DENOTES CONCRETE MAT FOUNDATION BEARING ON DECOMPOSED ROCK WITH MINIMUM 8 TSF BEARING CAPACITY. SEE DETAILS ON DRAWING FO-004 FOR SIZE AND REINFORCEMENT.
9. *M-X DENOTES CONCRETE MAT FOUNDATION BEARING ON WEATHERED ROCK WITH MINIMUM 8 TSF BEARING CAPACITY. SEE DETAILS ON DRAWING FO-004 FOR SIZE AND REINFORCEMENT.
10. FOOTINGS TO BE CENTERED ON COLUMNS ABOVE, UNLESS OTHERWISE NOTED.
11. CC-XX DENOTES CAISSON CAP. FOR CAP SIZE & REINFORCEMENT, SEE DETAILS ON DRAWING FO-003 AND FO-004.
12. [EL. +XX'] DENOTES BOTTOM OF CAP ELEVATION RELATIVE TO NAVD88 DATUM.
13. CAISSON CAPS TO BE CENTERED ON COLUMNS ABOVE, UNLESS OTHERWISE NOTED.
14. FOR GRADE BEAM REINFORCEMENT, SEE SCHEDULE ON FO-001.
15. TOP OF GRADE BEAM TO BE 1'-0" BELOW TOP OF SLAB ELEVATION, UNLESS OTHERWISE NOTED THUS (X'-X').
16. CENTERLINE OF GRADE BEAMS TO ALIGN WITH CENTROID OF FOOTING OR CAISSON CAP & COLUMN, UNLESS OTHERWISE NOTED.
17. FOR COLUMN DIMENSIONS & REINFORCEMENT, SEE COLUMN SCHEDULE ON DRAWING S-301 AND S-302.
18. SW-XX DENOTES CONCRETE SHEAR WALL. SEE DRAWING S-401 AND S-402 FOR BALANCE OF INFORMATION.
19. DENOTES UNDERGROUND PLUMBING. PLUMBING SHALL RUN BELOW CELLAR SLAB AND ABOVE FOUNDATION ELEMENTS. WHERE IT RUNS WITHIN FOUNDATION ELEMENTS, IT SHALL BE LOCATED WITHIN THE MIDDLE THIRD OF THE THICKNESS. COORDINATE WITH PLUMBING DRAWINGS.
20. DENOTES TRENCH DRAIN AT FSA ELEVATOR. SEE DETAIL 6 ON DRAWING S-004.
21. DENOTES STEEL FRAMING. TOP OF BEAM AT TOP OF SLAB UNLESS OTHERWISE NOTED. (H) DENOTES INTERMEDIATE ELEVATOR DIVIDER BEAM ABOVE TOP OF SLAB. SEE ELEVATOR DRAWINGS FOR BRACING REQUIREMENTS.



ELECTRICAL TRANSFORMER VAULT PART PLAN

1/8" = 1'-0"

NOTE:
TRANSFORMER WALLS AND SLABS DESIGNED FOR 600 PSF BLAST LOAD.

GRAPHIC SCALE 8' 0' 8' 16'

NO	DATE	ISSUANCES / REVISIONS
1	11/07/2025	CONSTRUCTION DOCUMENTS
	09/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD
	03/21/2025	50% PROGRESS SET

KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:
350 GRAND CONCOURSE
350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S2

DRAWING TITLE:
FOUNDATION & CELLAR FRAMING PLAN

SCALE: 1/8" = 1'-0" PAGE: 7 OF

FO-101.00

DOB SCAN STICKER

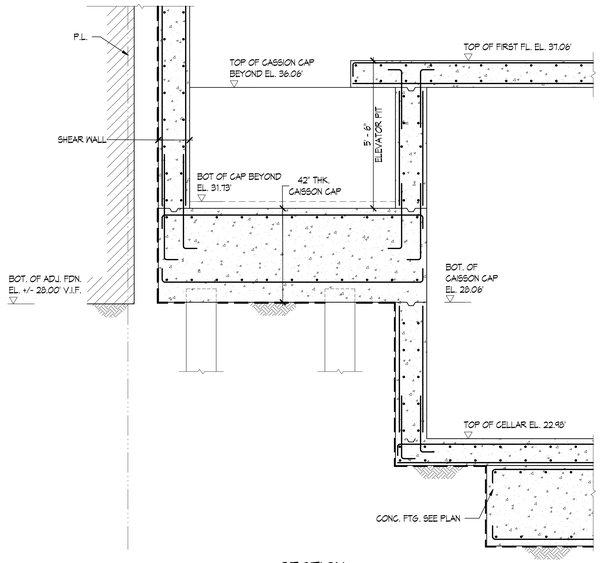
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

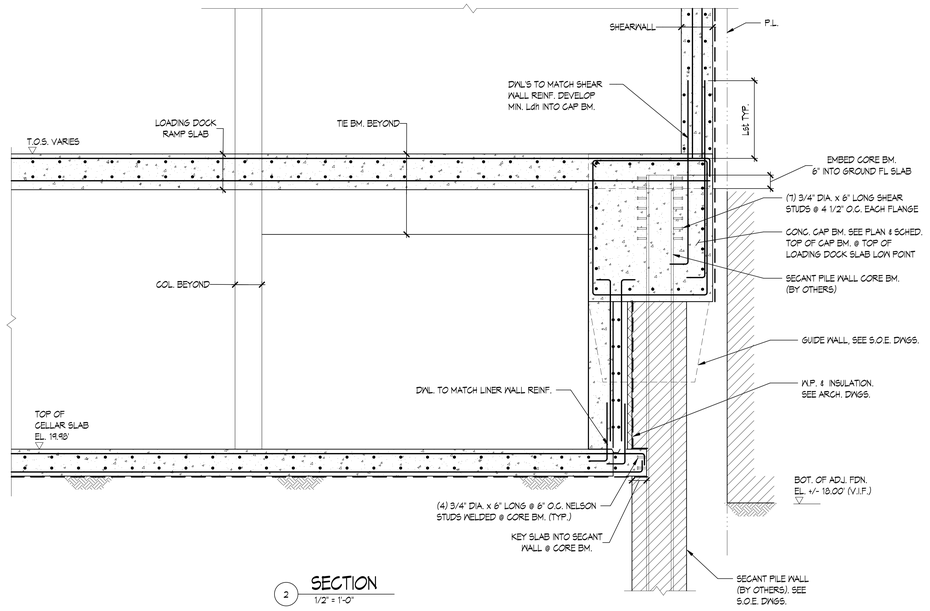
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

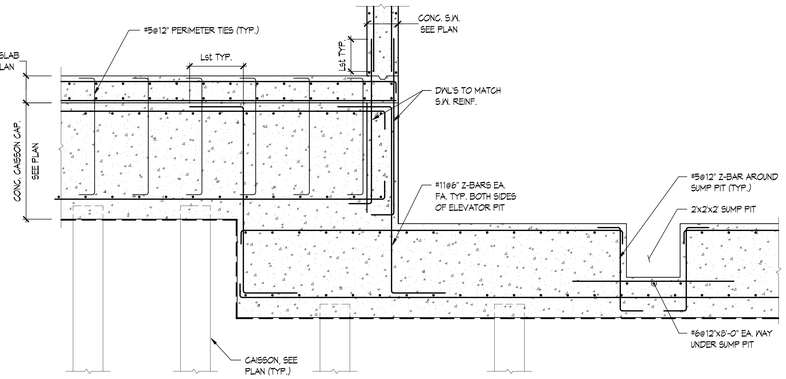
11/4/2025 4:31:11 PM
\\file7\home\eathan.wong\ACC-R24-C5011.00_ewong\FHSAN.rvt



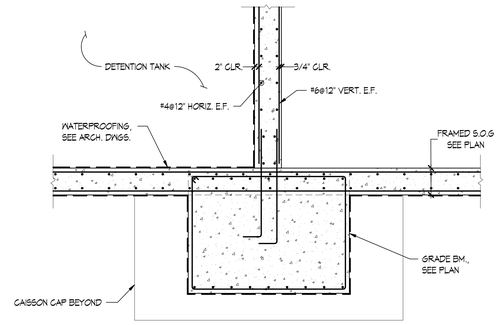
1 SECTION
1/2" = 1'-0"



2 SECTION
1/2" = 1'-0"



3 SECTION
1/2" = 1'-0"

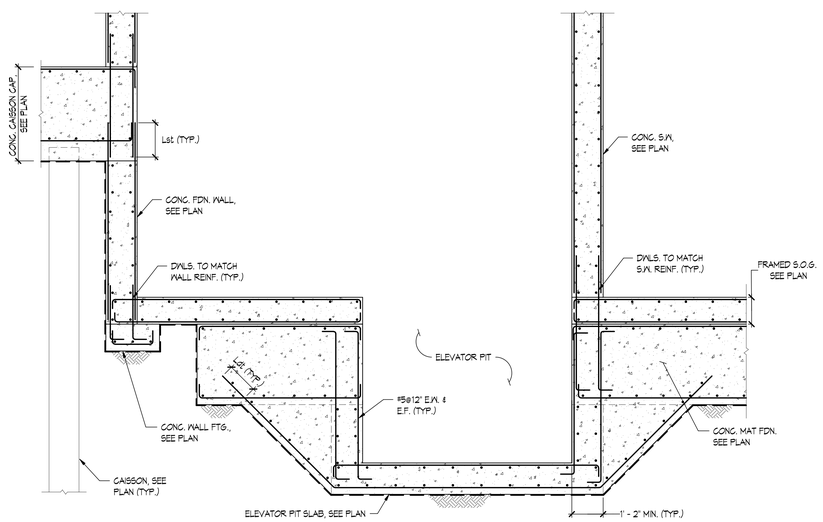


4 SECTION
1/2" = 1'-0"

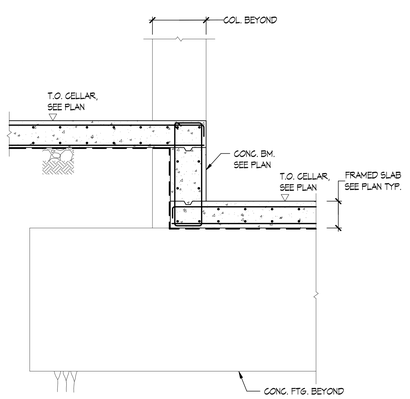
5 SECTION
1/2" = 1'-0"

NOTES:

1. FRAMED SLAB-ON-GRADE TOP REINFORCEMENT WITHIN 3 FEET OF DETENTION TANK SHALL BE EPOXY- COATED.

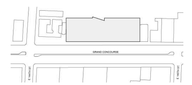


6 SECTION
1/2" = 1'-0"



7 SECTION
1/2" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260.1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S2

DRAWING TITLE:

FOUNDATION SECTIONS

SCALE: As indicated PAGE: 8 OF

FO-201.00

DOB SCAN STICKER

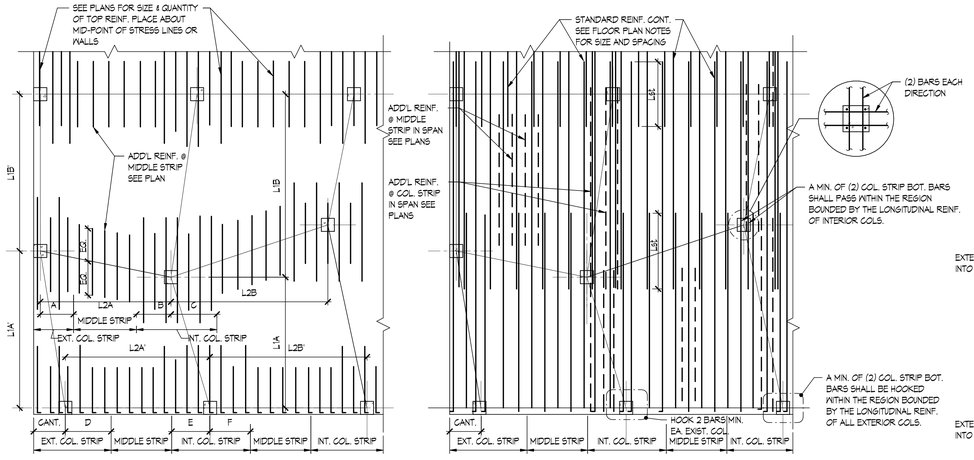
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:31:15 PM
\\file2\Home\ethan.wong\ACC-R24-C5011.00_ewong\R\S9AN.rvt



TOP BAR PLACEMENT

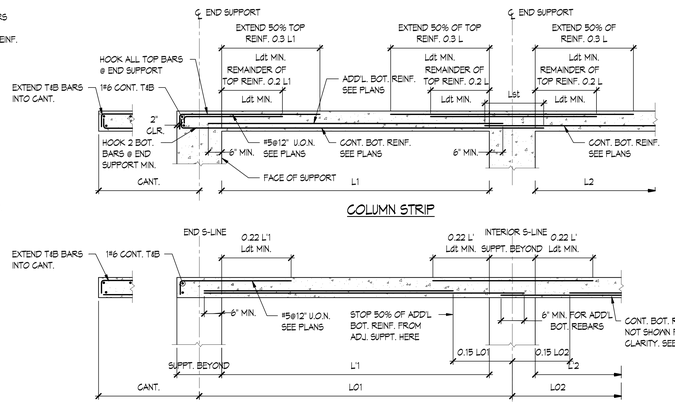
NOTES:
1. REINFORCEMENT SHOWN IS TYPICAL FOR BOTH DIRECTIONS.
2. COLUMN STRIP WIDTH GREATER THAN OR EQUAL TO COLUMN, WALL, OR PILE CAP DIMENSION PERPENDICULAR TO COLUMN STRIP SPAN.
3. 'A' = THE LESSER OF: L1A/4, L1B/4, OR L2A/4
   'B' = THE LESSER OF: L1A/4, L1B/4, OR L2A/4
   'C' = THE LESSER OF: L1A/4, L1B/4, OR L2B/4
   'D' = THE LESSER OF: L1A/4 OR L2A/4
   'E' = THE LESSER OF: L1A/4 OR L2A/4
   'F' = THE LESSER OF: L1A/4 OR L2B/4
4. ——— DENOTES STRESS LINE.

BOTTOM BAR PLACEMENT

NOTES:
1. REINFORCEMENT SHOWN IS TYPICAL FOR BOTH DIRECTIONS.
2. FOR COLUMN STRIP AND MIDDLE STRIP MEASUREMENTS SEE "TYPICAL TOP BAR PLACEMENT FOR FLAT SLAB CONSTRUCTION" DETAIL.
3. COLUMN STRIP WIDTH GREATER THAN OR EQUAL TO COLUMN, WALL, OR PILE CAP DIMENSION PERPENDICULAR TO COLUMN STRIP SPAN.

TYPICAL BAR PLACEMENT FOR FLAT PLATE CONSTRUCTION

1 — 12" = 1'-0"



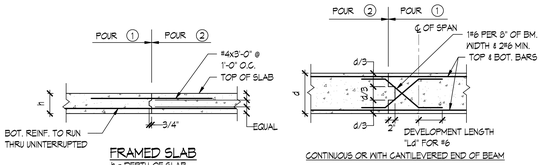
COLUMN STRIP

MIDDLE STRIP

TYPICAL FLAT PLATE REINFORCING PLACEMENT

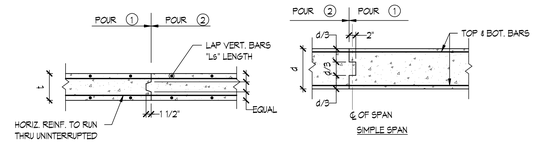
2 — 1/2" = 1'-0"

NOTES:
1. L'1 = THE GREATER OF L1 FOR EITHER OF TWO ADJACENT COLUMN STRIPS.
2. L'2 = THE GREATER OF L2 FOR EITHER OF TWO ADJACENT COLUMN STRIPS.
3. L = THE GREATER OF L1 OR L2.
4. L' = THE GREATER OF L'1 OR L'2.



FRAMED SLAB

h = DEPTH OF SLAB



WALL PLAN VIEW

t = THICKNESS OF WALL

BEAM

d = DEPTH OF BEAM

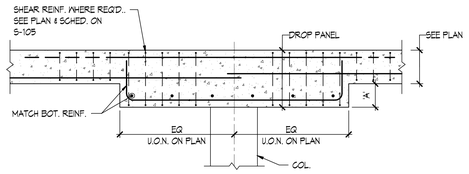
TYPICAL CONSTRUCTION JOINT

3 — 3/4" = 1'-0"

NOTES:
1. CONSTRUCTION JOINTS SHALL NOT BE PERMITTED FOR BEAMS WITH CONCENTRATED LOADS. CONSULT WITH ENGINEER FOR SPECIAL CASES.
2. CONTRACTOR SHALL SUBMIT ALL PROPOSED CONSTRUCTION JOINTS FOR APPROVAL.
3. PROVIDE CONTINUOUS WATERSTOPS IN ALL JOINTS AS REQUIRED BY ARCHITECT.

DROP PANEL SCHEDULE

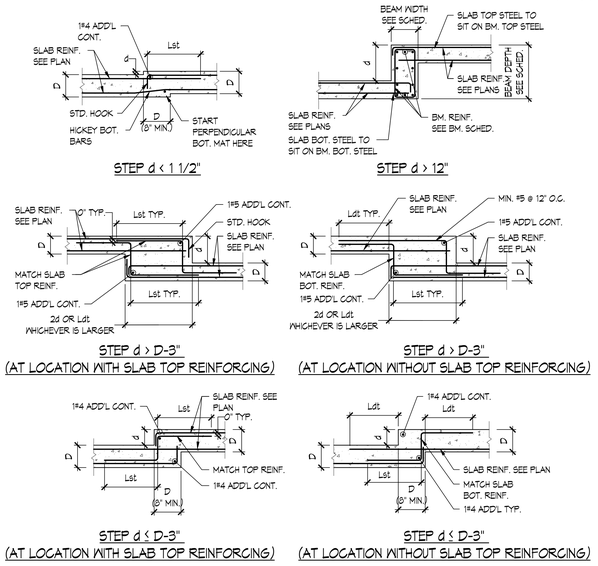
DROP PANEL NO.	DEPTH 'A'	DIMENSIONS
DP-01	12"	10'-4" LONG x 6'-9" WIDE
DP-02	12"	10'-4" SQUARE
DP-03	12"	8'-4" SQUARE
DP-03A	12"	8'-4" SQUARE EXTENDED TO SLAB EDGE
DP-04	12"	7'-0" SQUARE EXTENDED TO SLAB EDGE
DP-05	12"	10'-4" LONG x 6'-2" WIDE



TYPICAL DROP PANEL

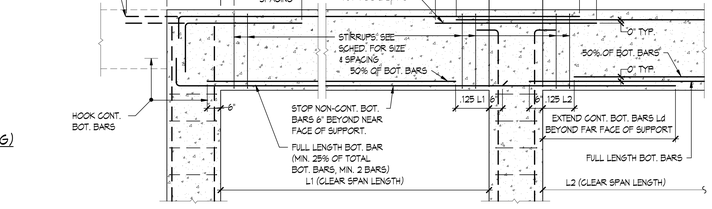
4 — 3/4" = 1'-0"

NOTE:
SEE TYPICAL FLAT PLATE REINFORCING PLACEMENT DETAIL ON S-003 FOR BALANCE OF INFORMATION.



TYPICAL STEPS IN SLAB

5 — 1/2" = 1'-0"



ELEVATION

TYPICAL CONCRETE BEAM

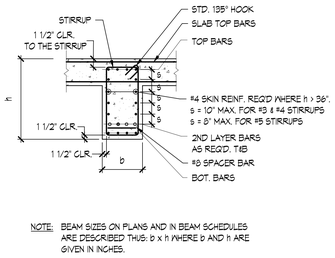
6 — 1/2" = 1'-0"

NOTES:
1. THIS DETAIL REPRESENTS TYPICAL CONDITION ONLY. SEE PLANS AND BEAM SCHEDULE FOR NON-TYPICAL REINFORCING DETAILS.
2. ALL BOTTOM BARS TO BE NON-CONTINUOUS UNLESS SPECIFICALLY DESCRIBED AS CONT. ON PLANS OR IN SCHEDULE.

ABBREVIATIONS:

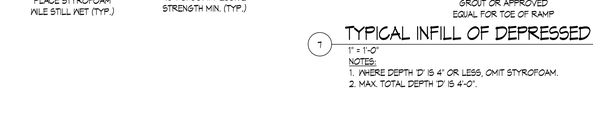
A = .33 L1 OR L2 WHICHEVER IS GREATER BUT MIN. ld

B = .2 L1 OR L2 WHICHEVER IS GREATER BUT MIN. ld



NOTE: BEAM SIZES ON PLANS AND IN BEAM SCHEDULES ARE DESCRIBED THUS: b x h WHERE b AND h ARE GIVEN IN INCHES.

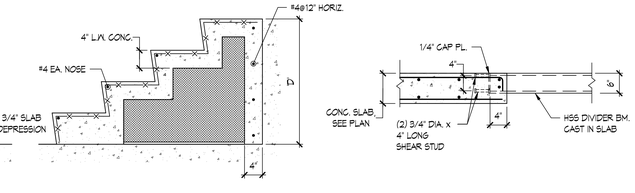
SECTION



TYPICAL INFILL OF DEPRESSED SLAB

7 — 1" = 1'-0"

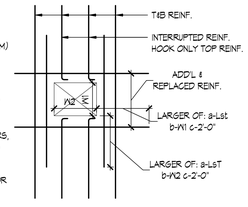
NOTES:
1. WHERE DEPTH 'D' IS 4" OR LESS, OMIT STYROFOAM.
2. MAX. TOTAL DEPTH 'D' IS 4'-0".



ELEVATOR DIVIDER BEAM TO CONCRETE SLAB CONNECTION

8 — 3/4" = 1'-0"

NOTES:
1. IF REINFORCEMENT IS INTERRUPTED (TOP OR BOTTOM) 1/2 THE EQUIVALENT AREA SHALL BE REPLACED ON EACH SIDE OF OPENING. 1#4 MIN. EACH SIDE.
2. IF OPENING IS LOCATED IN AREA OF NO TOP REINFORCEMENT & OPENING IS LARGER THAN 16"x16" PROVIDE 1#4 TOP SIDE OF OPENING.
3. IF OPENING IS SMALLER THAN SPACING OF SLAB BARS, NO ADDITIONAL REINFORCEMENT IS REQUIRED. SLAB BARS TO BE PLACED AT EDGES OF OPENING.
4. IF OPENING IS NEAR OR AGAINST EXTERIOR BEAMS OR COLUMNS & REINFORCEMENT CANNOT BE EXTENED, HOOK ADDITIONAL BARS.



TYPICAL ADDED REINFORCING AT OPENINGS IN CONCRETE SLAB

9 — 1/4" = 1'-0"

NOTE: MINIMUM REQUIREMENTS ARE SHOWN IN THESE DETAILS. SEE PLAN FOR ADDITIONAL REQUIREMENTS.

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD

KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

TYPICAL DETAILS 1

SCALE: As indicated PAGE: 9 OF

S-003.00

DOB SCAN STICKER

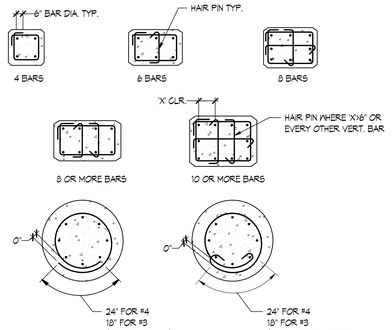
SEAL

CONSTRUCTION DOCUMENTS NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:31:55 PM
\\fs\home\eethan.wong\ACC-R24-C5011.00_ewong\PHSAN.rvt

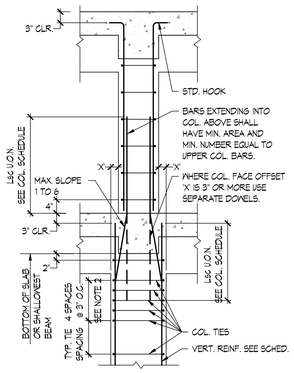


1 TYPICAL TIED COLUMNS

1/2" = 1'-0"

NOTES:

1. TOTAL NUMBER OF BARS SHOULD BE SPACED AROUND PERIMETER IN SUCH A WAY AS TO ACHIEVE APPROXIMATELY EQUAL SPACING.
2. USE THESE DETAILS AT PIERS AND BUTTRESSES.



MAX. SPACING OF COLUMN TIES		
VERTICAL BAR SIZE	SIZE & SPACING OF TIES (INCHES)	
	#3	#4
#5	10"	10"
#6	12"	12"
#7	14"	14"
#8	16"	16"
#9	18"	18"
#10	18"	20"
#11	*	22"

SCHEDULE NOTES:

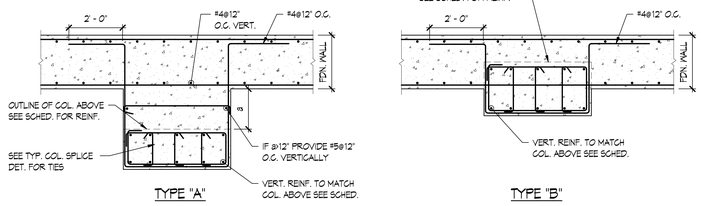
1. MAX. SPACING NOT TO EXCEED LEAST COLUMN DIMENSION.
2. APPLIES ALSO TO PIERS AND BUTTRESSES.
3. * INDICATES "NOT ALLOWED"

2 TYPICAL COLUMN SPLICE

3/4" = 1'-0"

NOTES:

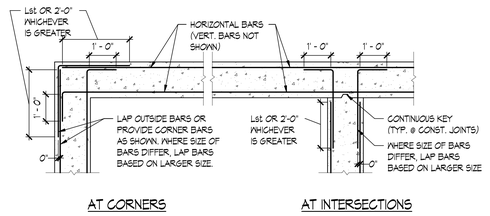
1. TIES SHALL START 4" FROM TOP OF FOOTING OR FLOOR SLAB AND SHALL EXTEND TO WITHIN 2" OF THE BOTTOM OF THE SHALLOWEST BEAM OR TO WITHIN 2" OF THE BOTTOM OF THE SLAB WHEN BEAMS DO NOT FRAME INTO ALL FOUR FACES OR THE COLUMN.
2. WHEN COLUMN BARS ARE OFFSET THE TIES SHALL BE SPACED NOT OVER 3" O.C. FOR A DISTANCE OF 1'-0" BELOW THE POINT OF OFFSET.



3 TYPICAL COLUMN BUTTRESS PLAN

1/2" = 1'-0"

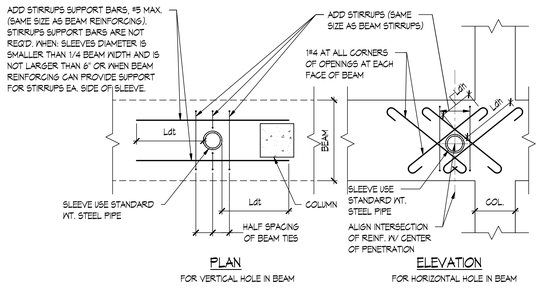
NOTE: FOR BALANCE OF WALL REINFORCEMENT & OTHER INFORMATION SEE TYPICAL WALL SECTIONS / PIER-BUTTRESS DETAIL.



4 TYPICAL HORIZONTAL REINFORCING FOR CONCRETE WALLS (PLAN)

1/2" = 1'-0"

NOTE: PROVIDE CONTINUOUSE WATERSTOPS IN ALL JOINTS AS REQUIRED BY ARCHITECT.

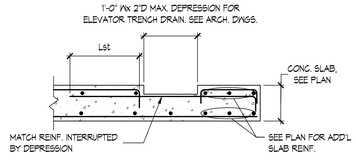


5 TYPICAL OPENINGS IN CONCRETE BEAMS

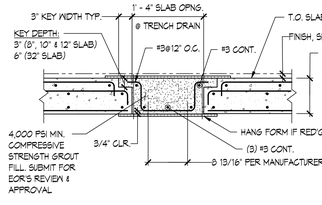
3/4" = 1'-0"

NOTES:

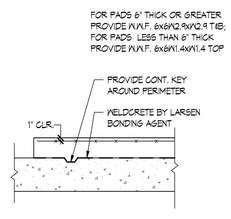
1. ALL OPENINGS REGARDLESS OF SIZE ARE SUBJECT TO APPROVAL OF STRUCTURAL ENGINEER. ALL PROPOSED OPENING SIZES, LOCATION & ELEVATIONS TO BE SUBMITTED FOR REVIEW. OPENINGS THAT REQUIRE SPECIFIED LONGITUDINAL REINFORCEMENT BE PLACED IN ADDITIONAL LAYERS WILL NOT BE PERMITTED.
2. NO OPENINGS ARE PERMITTED IN CONCRETE BEAMS LARGER THAN 2' DIA. UNLESS SPECIFICALLY INDICATED ON STRUCTURAL PLANS. ALL BEAM REINFORCMENT TO RUN THROUGH.



BACK-OF-HOUSE TRENCH DRAIN

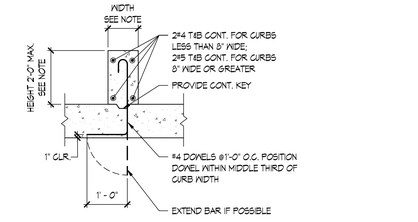


TYPICAL FLOOR SLOT TRENCH DRAIN



7 TYPICAL CONCRETE PAD

3/4" = 1'-0"



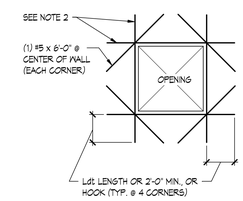
8 TYPICAL CONCRETE CURB

3/4" = 1'-0"

NOTE: FOR CURB HEIGHT & WIDTH SEE ARCHITECTURAL DRAWINGS.

6 TYPICAL TRENCH DRAIN AT FSA ELEVATOR

1" = 1'-0"

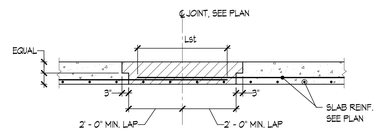


9 TYPICAL OPENING IN CONCRETE WALL

1/2" = 1'-0"

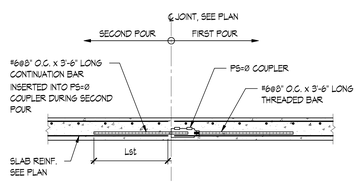
NOTES:

1. HOOK ALL INTERRUPTED CONTINUOUS BARS.
2. PLACE ONE-HALF OF REINFORCING BAR AREA INTERRUPTED BY OPENING IN THE SAME FACE AT BOTH SIDES OF OPENING. TWO #5 EACH SIDE MIN.



POUR STRIP GAP OPTION

NOTE: HATCHED AREAS INDICATE CONCRETE TO BE CAST 28 DAYS AFTER LAST ADJACENT SECTION HAS BEEN CAST. ADEQUATE SUPPORTS SHALL BE PROVIDED FOR SLABS AND BEAMS ADJACENT TO THE SHRINKAGE JOINT UNTIL THE WHOLE BAY IS CAST AND ATTAINS 75% OF ITS DESIGN STRENGTH.



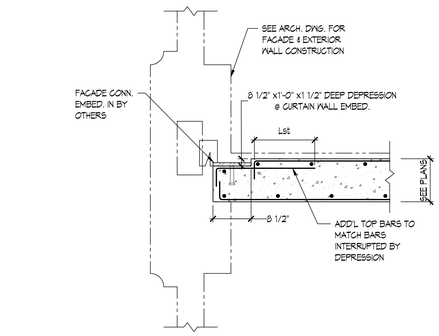
GAPLESS POUR STRIP OPTION - PS=Ø SYSTEM

NOTES:

1. APPLY NOX-CRETE SILOSEAL CLASSIC BOND-BREAKER BETWEEN FIRST AND SECOND POUR.
2. THE PS=Ø RELIEF JOINT TO REMAIN OPEN FOR 28 DAYS.
3. AFTER THE TIME PERIOD SPECIFIED ABOVE, THE PS=Ø COUPLERS AND JOINT TO BE GROUTED WITH BASF MASTERFLOW 885 HIGH-PRECISION, NONSHRINK METALLIC-AGGREGATE GROUT.
4. SEE PS=Ø MANUFACTURER DATA FOR MORE INFORMATION.
5. ADEQUATE SUPPORT SHALL BE PROVIDED FOR SLABS ADJACENT TO THE SHRINKAGE JOINT UNTIL THE WHOLE BAY IS CAST AND ATTAINS 75% OF ITS DESIGN STRENGTH.

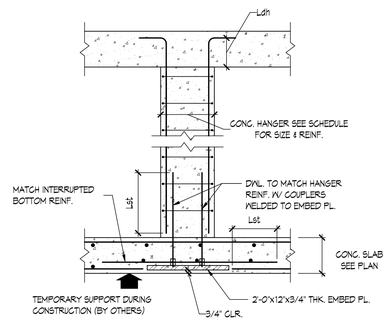
10 TYPICAL SHRINKAGE JOINT IN SLAB

1/2" = 1'-0"



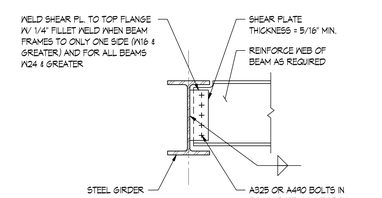
11 TYPICAL SLAB EDGE AT PRECAST FACADE CONNECTION

1" = 1'-0"



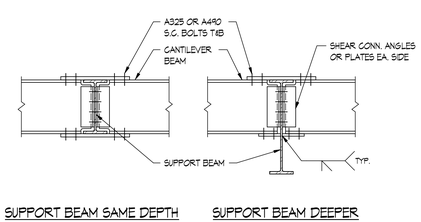
12 TYPICAL CONCRETE HANGER

1" = 1'-0"



13 TYPICAL BEAM TO GIRDER CONNECTION

3/4" = 1'-0"

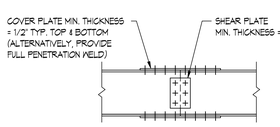


SUPPORT BEAM SAME DEPTH SUPPORT BEAM DEEPER

14 TYPICAL CANTILEVER BEAM CONNECTION

3/4" = 1'-0"

NOTE:
DESIGN BOLTS & PLATES TO DEVELOP FULL MOMENT CAPACITY OF CANTILEVER BEAM UNLESS OTHERWISE NOTED.

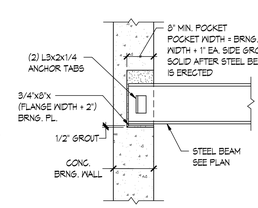


15 TYPICAL BEAM SPLICE

3/4" = 1'-0"

NOTES:

1. SPLICE CONNECTION SHALL DEVELOP FULL PLASTIC MOMENT CAPACITY OF BEAM UNLESS OTHERWISE NOTED.
2. ALL BOLTS TO BE SLIP CRITICAL.

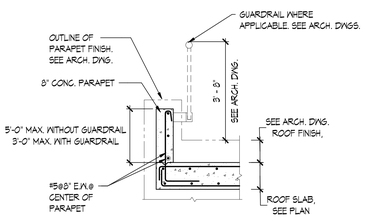


NOTES:

1. BEARING PLATES SHALL BE CENTERED ABOUT THE BEAM SUPPORTED, AND ORIENTED SUCH THAT THE THIRD DIMENSION IS PERPENDICULAR TO THE WEB OF THE BEAM.
2. BEAMS SHALL BE EXTENDED OVER THE BEARING PLATE SO THAT THE PLATE DOES NOT EXTEND MORE THAN 2" BEYOND THE END OF THE BEAM.
3. BEAMS BEARING ON PLATES SHALL BE REINFORCED WITH 1/4" STIFFENER PLATES @ 8" O.C. OVER BEARING PLATES.

TYPICAL STEEL BEAM BEARING ON CONCRETE WALL

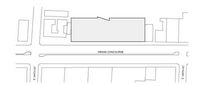
16 3/4" = 1'-0"



17 TYPICAL PARAPET DETAIL

1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260.1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

TYPICAL DETAILS 2

SCALE: As indicated PAGE: 10 OF

S-004.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

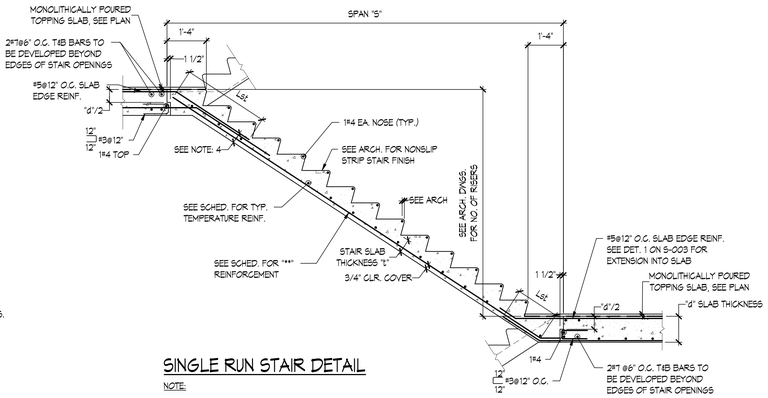
11/4/2025 4:32:00 PM
\\fs2\home\ethan.wong\ACC-R24-C5011.00_ewong\PHS\AN.rvt

STAIR SCHEDULE

SPAN "S"	SLAB THICK "t"	REINFORCING **		TEMPERATURE REINFORCEMENT
		SIZE	SPACING	
9'-0" OR LESS	5 1/2"	#4	12"	#4 @ 18"
10'-0"	6"	#4	12"	#4 @ 18"
11'-6"	7"	#4	10"	#4 @ 16"
13'-0"	8"	#5	12"	#4 @ 12"
15'-0"	9"	#5	10"	#4 @ 12"
17'-6"	10"	#5	6"	#4 @ 12"
20'-0"	11"	#6	6"	#4 @ 10"

STAIR NOTES:

1. FOR ORIENTATION, DIMENSIONS, NUMBER OF TREADS AND RISERS IN EACH RUN, SEE STAIR SECTION AND / OR ARCHITECTURAL DRAWINGS.
2. EXTEND STAIR WIDTH FOR MASONRY SUPPORT WHERE CALLED FOR ON ARCHITECTURAL DRAWINGS.
3. FOR PORTIONS OF STAIRS POURED WITH FLOOR SLAB SEE PLANS FOR SECTIONS AND DETAILS.
4. ALL NON-CONTACT SPLICES MUST BE LESS THAN 6" APART.



SINGLE RUN STAIR DETAIL

NOTE:

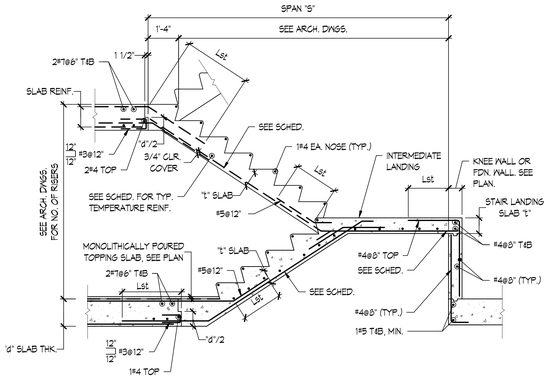
FOR FLOOR REINFORCEMENT & DOWELS INTO STAIR SLAB - SEE FRAMING PLANS

STAIR SCHEDULE

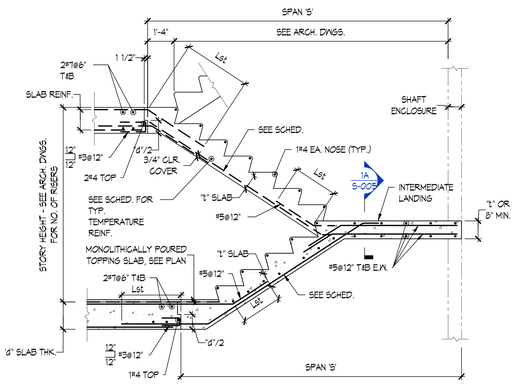
SPAN "S"	SLAB THICK "t"	REINFORCING **		TEMPERATURE REINFORCEMENT
		SIZE	SPACING	
9'-0" OR LESS	5 1/2"	#4	12"	#4 @ 18"
10'-0"	6"	#4	12"	#4 @ 18"
11'-6"	7"	#4	10"	#4 @ 16"
13'-0"	8"	#5	12"	#4 @ 12"
15'-0"	9"	#5	10"	#4 @ 12"
17'-6"	9"	#5	6"	#4 @ 12"
20'-0"	10"	#5	6"	#4 @ 10"

STAIR NOTES:

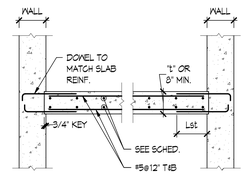
1. FOR ORIENTATION, DIMENSIONS, NUMBER OF TREADS AND RISERS IN EACH RUN, SEE STAIR SECTION AND / OR ARCHITECTURAL DRAWINGS.
2. EXTEND STAIR WIDTH FOR MASONRY SUPPORT WHERE CALLED FOR ON ARCHITECTURAL DRAWINGS.
3. FOR PORTIONS OF STAIRS POURED WITH FLOOR SLAB SEE PLANS FOR SECTIONS AND DETAILS.
4. ALL NON-CONTACT SPLICES MUST BE LESS THAN 6" APART.



TWO RUN STAIR DETAIL WITH KNEE WALL

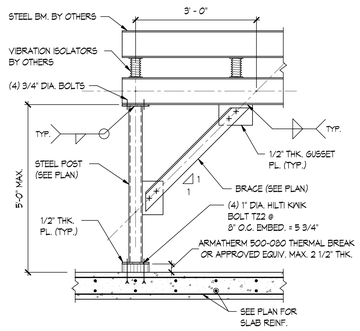


TWO RUN STAIR DETAIL WITH LANDING BETWEEN WALLS

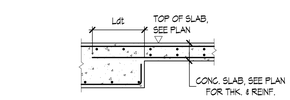


1A SECTION
1/2" = 1'-0"

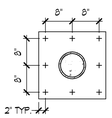
1 TYPICAL CONCRETE STAIRS
1/2" = 1'-0"



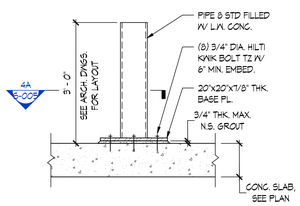
2 TYPICAL DUNNAGE CONNECTION
3/4" = 1'-0"



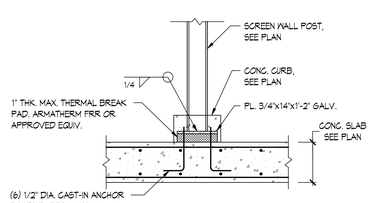
3 TYPICAL SECTION THRU CHANGE IN SLAB THICKNESS - BOTTOM STEP
1/2" = 1'-0"



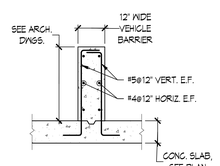
4A SECTION
3/4" = 1'-0"



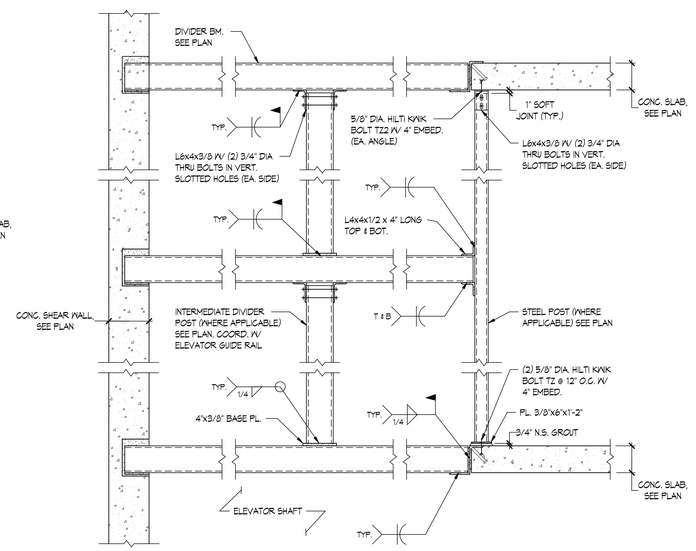
4 TYPICAL BOLLARD
3/4" = 1'-0"



5 TYPICAL MECHANICAL SCREEN POST
3/4" = 1'-0"
NOTE: CURB REINFORCEMENT NOT SHOWN FOR CLARITY

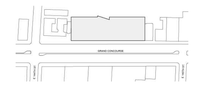


6 CONCRETE VEHICLE BARRIER
1/2" = 1'-0"



7 ELEVATOR RAIL BRACKET SUPPORT
3/4" = 1'-0"
NOTE: CONCRETE REINFORCEMENT NOT SHOWN FOR CLARITY.

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

TYPICAL DETAILS 3

SCALE: As indicated PAGE: 11 OF

S-005.00

DOB SCAN STICKER

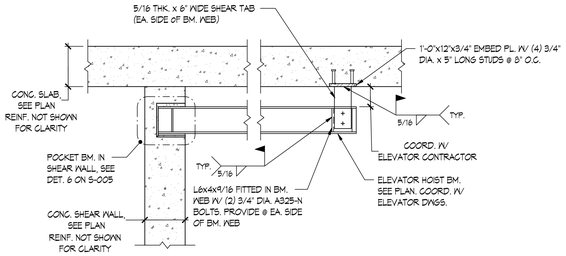
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

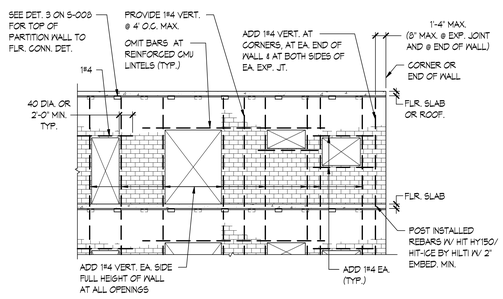
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:32:05 PM
\\fs1\home\eliethan.wong\ACC-R24-C5011.00_ewongHSAN.rvt



1 TYPICAL ELEVATOR HOIST BEAM HUNG FROM SLAB

3/4" = 1'-0"

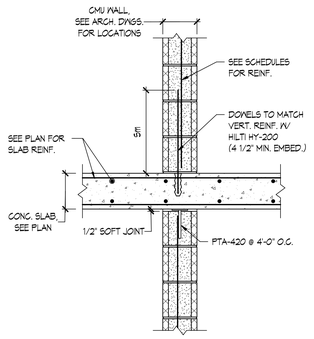


2 TYPICAL MINIMUM REINFORCING IN CMU PARTITION WALLS

1/8" = 1'-0"

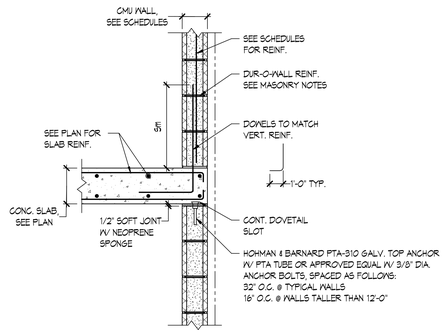
NOTES:

1. FOR TYPICAL JOINT REINFORCING SEE GENERAL NOTES AND SPECIFICATIONS.
2. VERTICAL REBARS SHALL BE TERMINATED 1 INCH BELOW TOP OF CMU PARTITION WALL.



3 TYPICAL NON-LOAD BEARING MASONRY PARTITION

1" = 1'-0"



4 TYPICAL EXTERIOR CMU WALL

1" = 1'-0"

CMU EXTERIOR BACKUP WALL SCHEDULE

MAX. WALL SPAN/HEIGHT	MINIMUM f'm	WALL THICKNESS	GROUT & REBAR SPACING
UP TO 9'-0"	1,500 PSI	8"	#4@32" O.C.
UP TO 12'-0"	1,500 PSI	8"	#4@16" O.C.
UP TO 18'-0"	1,500 PSI	8"	#5@8" O.C.

CMU INTERIOR PARTITION SCHEDULE

MAX. WALL SPAN/HEIGHT	MINIMUM f'm	WALL THICKNESS	GROUT & REBAR SPACING
UP TO 9'-0"	1,500 PSI	8"	#4@48" O.C.
UP TO 12'-0"	1,500 PSI	8"	#4@32" O.C.
UP TO 18'-0"	1,500 PSI	8"	#4@24" O.C.

MASONRY EMBEDMENT AND SPLICE LENGTH

BAR/ WIRE SIZE	DIAMETER	f'm = 1,500 PSI	
		DEVELOPMENT LENGTH (Em) IN.	TENSION SPLICE LENGTH (Sm) IN.
W1.7	0.148	9	14
W2.1	0.162	10	15
W2.8	0.188	12	18
#3	0.375	16	27
#4	0.5	21	36
#5	0.625	26	45

NOTE:
**MECHANICAL SPLICES SHALL HAVE THE BARS CONNECTED TO DEVELOP IN TENSION OR COMPRESSION, AS REQUIRED, AT LEAST 125% OF THE SPECIFIED YIELD STRENGTH OF THE BAR. EPOXY-COATED BAR LENGTHS SHALL BE INCREASE BY 50 PERCENT.
STEEL YIELD STRENGTH F_y = 60,000 PSI.

MASONRY NOTES:

1. MASONRY WALL CONSTRUCTION SHOWN ON STRUCTURAL DRAWINGS SHALL CONFORM TO THE FOLLOWING:

   A. UNITS SHALL BE MEDIUM WEIGHT AGGREGATE CONCRETE HOLLOW UNITS WITH A MAXIMUM OVEN DRY DENSITY OF 125 PCF. UNITS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C90. NET SOLID UNIT AREA SHALL NOT EXCEED THE FOLLOWING PERCENTAGES OF THE GROSS UNIT AREA:

      8" CMU- 55%
      10" CMU- 50%
      12" CMU- 45%

      SEE TYPICAL DETAILS AND SCHEDULES FOR MINIMUM UNIT COMPRESSIVE STRENGTHS (f'm).

   B. MORTAR SHALL BE TYPE S OR TYPE M, IN CONFORMANCE WITH ASTM C270.
   C. GROUT SHALL CONFORM TO ASTM 476 AND SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH EQUAL TO THE MASONRY ASSEMBLY STRENGTHS (f'm) INDICATED IN NOTE 1A.
   D. USE SPECIAL UNITS AS REQUIRED TO ALLOW PROPER INSTALLATION OF BOTH VERTICAL AND HORIZONTAL REINFORCEMENT, AND ACCESSORIES TO ACCOMMODATE ARCHITECTURAL AND STRUCTURAL DESIGN. THESE MAY INCLUDE BUT NOT BE LIMITED TO BOND BEAM, LINTEL, TROUGH, CORNER AND OTHER SPECIAL UNITS.

3. GROUT SOLID ALL CELLS CONTAINING VERTICAL REINFORCEMENT BARS.
4. ALL VERTICAL REINFORCEMENT BARS SHALL BE CENTERED IN THE CELL IN BOTH DIRECTIONS.
5. THE MINIMUM HORIZONTAL REINFORCING FOR ALL MASONRY WALLS SHALL CONSIST OF TWO WIRE-9 GAGE RODS @ 16"O.C.
6. THE FOLLOWING SHALL BE PROVIDED IN PARAPET WALLS:

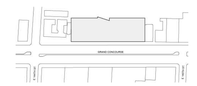
   A. ALL CELLS AND ALL JOINTS IN SOLID, CAVITY OR MASONRY BONDED HOLLOW WALL CONSTRUCTION SHALL BE FILLED SOLID WITH GROUT AND MORTAR.
   B. HORIZONTAL WIRE REINFORCEMENT SHALL BE PROVIDED AT VERTICAL INTERVALS NOT GREATER THAN 12".
   C. HORIZONTAL REINFORCEMENT SHALL EXTEND AROUND THE CORNER FOR AT LEAST 4 FT. IN BOTH DIRECTIONS AND SPLICES SHALL BE LAPPED AT LEAST 6".
   D. NONREINFORCED PARAPET WALLS SHALL BE NOT LESS THAN 8" IN THICKNESS AND THEIR HEIGHT SHALL NOT EXCEED THREE TIMES THEIR THICKNESS.

7. HORIZONTAL REINFORCEMENT SHALL BE CONTINUOUS THROUGH CORNERS, INTERSECTION, AND PILASTERS IN BRICK AND C.M.U.
8. BONDING OF MASONRY UNITS SHALL BE CONTINUED THROUGH CORNERS, INTERSECTIONS, AND PILASTERS IN BRICK AND C.M.U.
9. VERTICAL REINFORCEMENT CONSISTING OF 1#4 SHALL BE PROVIDED AT BOTH SIDES OF ALL OPENINGS FULL HEIGHT OF WALL.
10. IN ADDITION TO REINFORCEMENT SHOWN ON PLAN, PROVIDE ADDITIONAL 1#4 VERTICAL REINFORCEMENT FROM FLOOR TO FLOOR AT:

    A. EACH CORNER OF WALL.
    B. ALL ENDS OF WALLS.
    C. NEXT TO EXPANSION JOINTS

11. 1#4 CONTINUOUS REINFORCEMENT SHALL BE PLACED AT TOP AND BOTTOM OF ALL WALL OPENINGS AND SHALL EXTEND 24" MINIMUM OR 40 BAR DIAMETERS PAST EACH SIDE OF THE OPENINGS.
12. 1#4 HORIZONTAL REINFORCEMENT SHALL BE PLACED CONTINUOUSLY AT THE TOP OF ALL C.M.U. WALLS AT EACH FLOOR, ROOF AND PARAPET WALL.
13. ALL GROUTING SHALL FOLLOW THE REQUIREMENTS OF ACI-530.1 ARTICLE 3.5, FOR "LOW LIFT" GROUTING, WALLS SHALL BE LAID UP AND GROUTED AT MAXIMUM INTERVAL HEIGHTS OF 5'-0". PLACE REINFORCEMENT BARS AND EXTEND THEM A SPLICE LENGTH ABOVE LIFT. LEVEL OF GROUT TO BE KEPT 1 1/2" FROM TOP OF MASONRY FORMING A GROUT KEY. "HIGH LIFT" GROUTING SHALL FOLLOW ALL REQUIREMENTS STATED IN ACI-530.1 ARTICLE 3.5D. CLEANOUT HOLES FOR INSPECTION ARE REQUIRED AT THE BASE OF THE WALL FOR ALL POURS OVER 5'-0". ALL GROUT SHALL BE CONSOLIDATED IN ACCORDANCE WITH ARTICLE 3.5E.
14. OPENINGS FOR ROUND DUCTS, PIPING AND ELECTRICAL CONDUIT BETWEEN 4 AND 12 INCHES IN DIAMETER SHALL BE SLEEVED WITH SCHEDULE 40 STEEL PIPE. NO OPENING SHALL BE IN PLACED REINFORCED GROUTED CELLS.
15. GROUT SOLID TOP TWO COURSES OF C.M.U DIRECTLY UNDER BEARING POINTS.
16. HORIZONTAL AND VERTICAL CONTROL AND EXPANSION JOINTS IN FACE BRICK SHALL BE LOCATED AS PER ARCHITECTURAL DRAWINGS.
17. EXPOSED STEEL, STEEL LINTELS OR STEEL WITHIN 4" OF WEATHERING FACE OF MASONRY SHALL BE GALVANIZED.
18. ALL LINTELS SHALL BEAR 8" AT EACH JAMB. FULL CONTACT BETWEEN LINTEL AND SUPPORTING MASONRY SHALL BE PROVIDED.

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR,2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

TYPICAL DETAILS 4

SCALE: As indicated PAGE: 11 OF

S-006.00

DOB SCAN STICKER

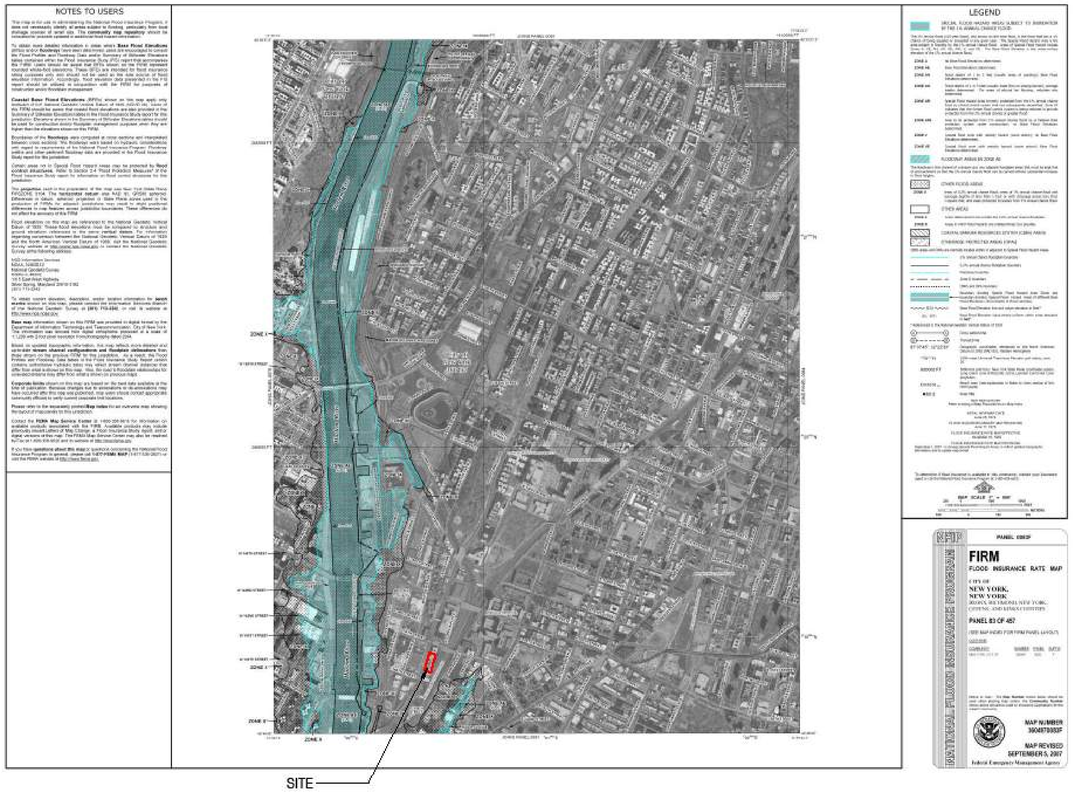
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

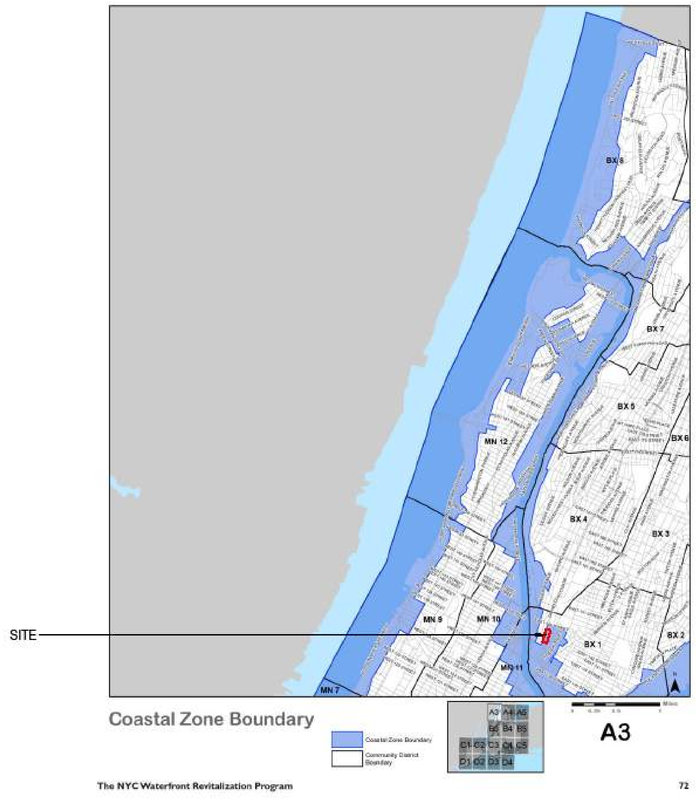
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:32:09 PM
\\file2\homes\ethan.wong\ACC-R24-C5011.00_ewongPHSNN.rvt



FEMA FLOOD MAP (2007)

FEMA FLOOD MAP (2013)



COASTAL ZONE BOUNDARY MAP (2013)

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:
350 GRAND CONCOURSE
350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:
FLOOD MAPS

SCALE: PAGE: 11 OF

S-007.00

DOB SCAN STICKER

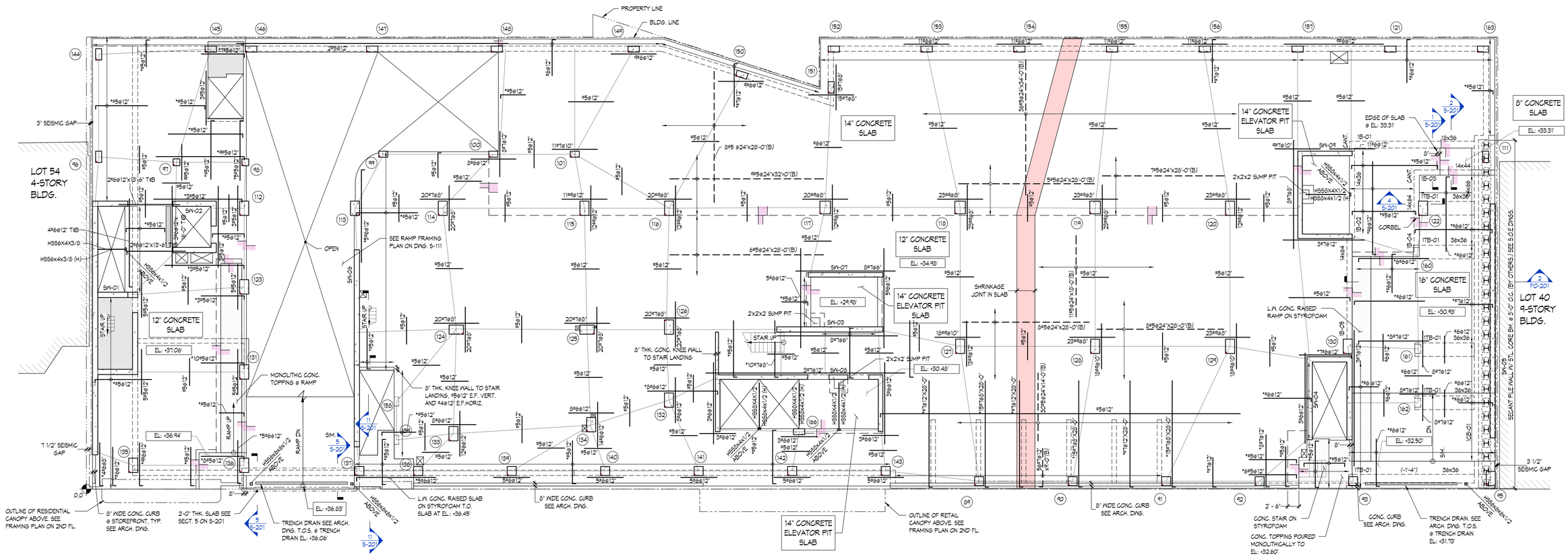
SEAL

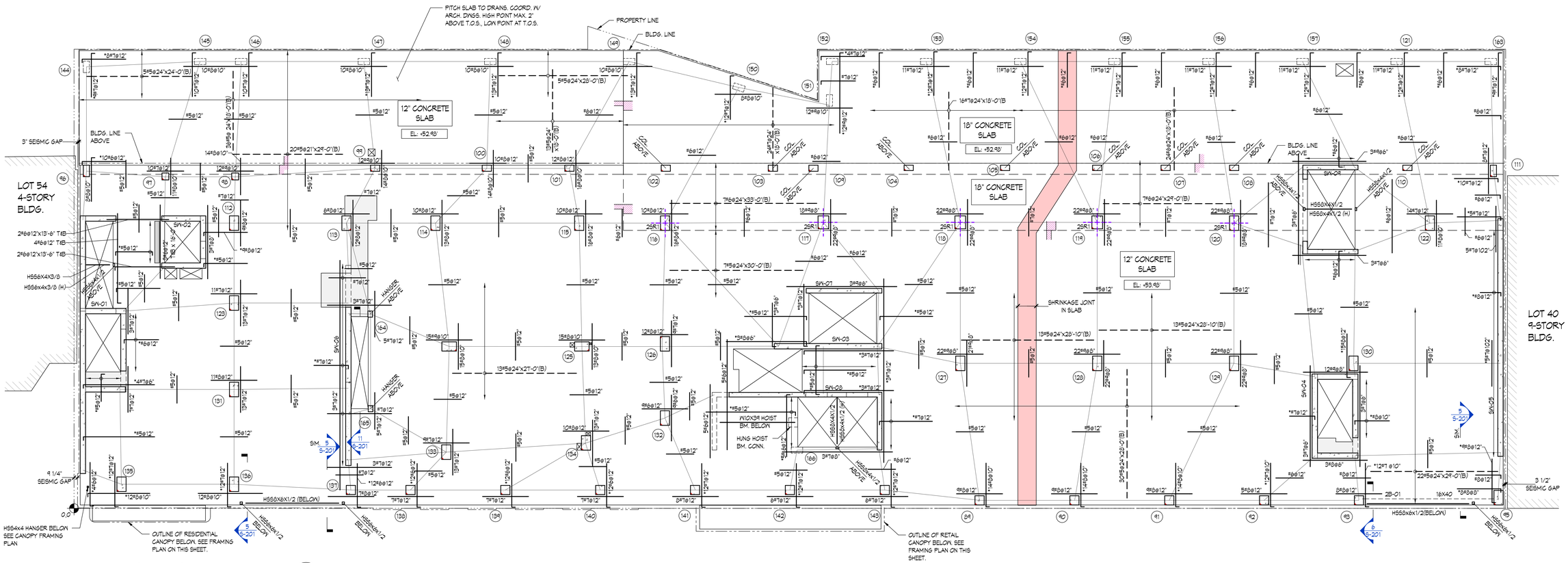
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:32:12 PM
I:\Projects\Nathan.wong\ACC-R24-C5011.00_ewong\PHSAN.rvt


PROPERTY LINE
BLDG. LINE
LOT 54
4-STORY
BLDG.
3" SEISMIC GAP
7 1/2" SEISMIC GAP
14" CONCRETE SLAB
14" CONCRETE ELEVATOR PIT SLAB
12" CONCRETE SLAB
EL: +34.48'
EL: +31.08'
EL: +36.94'
EL: +29.48'
EL: +30.48'
8" CONCRETE SLAB
EL: +33.31'
16" CONCRETE SLAB
EL: +30.98'
EL: +32.50'
LOT 40
9-STORY
BLDG.
3 1/2"
SEISMIC GAP
SECANT PILE WALL W/ STL. CORE BW. @ 5'-0" O.C. (BY OTHERS) SEE S-0.0 DWGS.
SEE RAMP FRAMING PLAN ON DWG. S-111
OPEN
MONOLITHIC CONC. TOPPING @ RAMP
6" THK. KNEE WALL TO STAIR LANDING, #5@12" E.F. VERT. AND #4@12" E.F.HORIZ.
8" THK. CONC. KNEE WALL TO STAIR LANDING
SHRINKAGE JOINT IN SLAB
L.W. CONC. RAISED SLAB ON STYROFOAM T.O. SLAB AT EL.: +36.45'
L.W. CONC. RAISED RAMP ON STYROFOAM
8" WIDE CONC. CURB SEE ARCH. DWG.
8" WIDE CONC. CURB @ STOREFRONT, TYP. SEE ARCH. DWG.
2'-0" THK. SLAB SEE SECT. 5 ON S-201
TRENCH DRAIN SEE ARCH. DWG. T.O.S. @ TRENCH DRAIN EL: +36.08'
EL: +36.85'
OUTLINE OF RESIDENTIAL CANOPY ABOVE. SEE FRAMING PLAN ON 2ND FL.
OUTLINE OF RETAIL CANOPY ABOVE. SEE FRAMING PLAN ON 2ND FL.
CONG. STAIR ON STYROFOAM
CONG. TOPPING POURED MONOLITHICALLY TO EL: +32.60'
CONG. CURB SEE ARCH. DWG.
TRENCH DRAIN. SEE ARCH. DWG. T.O.S. @ TRENCH DRAIN EL: +31.73'
EDGE OF SLAB @ EL: 33.31'
CORBEL
SHRINKAGE JOINT IN SLAB
2x2x2' SUMP PIT
STAIR UP
RAMP UP
RAMP DN
SW-01
SW-02
SW-03
SW-04
SW-05
SW-06
SW-07
SW-08
HSS6X4X1/2 ABOVE
HSS6X4X1/2 (H)
W556X4X3/8
W556X4X1/2 (H)
4#6@12" T&B
2#6@12"X13'-6" T&B
2#6@12"X9'-6" T&B
2#6@12"X13'-6" T&B
#5 @24"X28'-0"(B)
#5@24"X32'-0"(B)
#5@24"X28'-0"(B)
#5@24"X14'-0"(B)
#5@24"X19'-0"(B)
#11@12"X28'-0"
#11@12"X20'-0"
#11@12"X23'-0"
#11@12"X25'-0"
#11@12"X30'-0"
#11@12"X28'-0"
#11@12"X26'-0"
#11@12"X15'-6

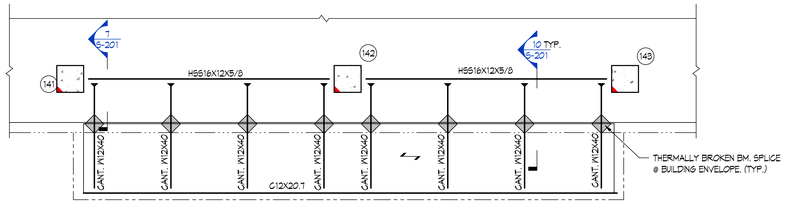


2ND FLOOR FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. X" CONCRETE SLAB — DENOTES CONCRETE SLAB OF THICKNESS 'X'. SEE CONCRETE NOTES ON DRAWING S-001 FOR BALANCE OF INFORMATION.
2. EL. XX'-XX" — DENOTES TOP OF SLAB ELEVATION WITH RESPECT TO NAVD88 DATUM.
3. REINFORCING BARS SHOWN ON PLAN TO BE PLACED IN ACCORDANCE WITH TYPICAL FLAT PLATE DETAILS ON DRAWING S-003 AND IN ADDITION TO ANY STANDARD REINFORCEMENT CALLED FOR IN THOSE DETAILS.
4. ALL REINFORCING SHOWN ON PLAN IS TO BE PLACED IN ADDITION TO TYPICAL REINFORCEMENT AS FOLLOWS:
   12" SLAB: #5@12" BOTTOM EACH WAY CONTINUOUS
   18" SLAB: #7@12" BOTTOM EACH WAY CONTINUOUS
5. (B) — DENOTES ADDITIONAL BOTTOM REINFORCEMENT.
6. ——— — DENOTES ADDITIONAL TOP REINFORCEMENT.
7. PLACE EAST-WEST REINFORCEMENT IN THE OUTERMOST LAYER.
8. ALL REINFORCEMENT IN AREAS OF EXPOSED CONCRETE ARE TO BE EPOXY COATED. INCREASE BAR LENGTHS AS REQUIRED PER SCHEDULE ON S-002.
9. SLAB OPENINGS AND PENETRATIONS SHOWN SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING & SPRINKLER DRAWINGS.
10. FOR BEAM REINFORCEMENT, SEE BEAM SCHEDULES ON DRAWING S-303. TOP OF BEAMS TO BE EVEN WITH TOP OF SLAB, UNLESS OTHERWISE NOTED THUS (X'-X").
11. FOR COLUMN DIMENSIONS & REINFORCEMENT, SEE COLUMN SCHEDULE ON DRAWING S-301 AND S-302.
12. SW-XX — DENOTES CONCRETE SHEAR WALL. SEE DRAWING S-401 AND S-402 FOR BALANCE OF INFORMATION.
13. XSRX — DENOTES STUDRAIL SHEAR REINFORCEMENT. SEE SCHEDULE ON DRAWING S-303.
14. S-x-- — DENOTES STEEL FRAMING TOP OF BEAM AT TOP OF SLAB UNLESS OTHERWISE NOTED. (H) DENOTES INTERMEDIATE ELEVATOR DIVIDER BEAM ABOVE TOP OF SLAB. SEE ELEVATOR DRAWINGS FOR BRACING REQUIREMENTS.
15. DENOTES RAISED LIGHTWEIGHT CONCRETE SLAB. SEE DETAIL 7 ON DRAWING S-003.
16. DENOTES SHRINKAGE JOINT IN SLAB, SEE DETAIL 10 ON S-004.
17. DENOTES TRENCH DRAIN AT FSA ELEVATOR TRENCH DRAIN. SEE DETAIL 8 ON DRAWING S-004.
18. * — DENOTES REINFORCEMENT TO BE PLACED IN LIEU OF TYPICAL #5@12" TOP EDGE REINFORCEMENT CALLED FOR IN DETAIL 2 ON S-003.
19. DENOTES 1" TOPPING SLAB POURED MONOLITHICALLY. COORDINATE WITH ARCHITECTURAL DRAWINGS.

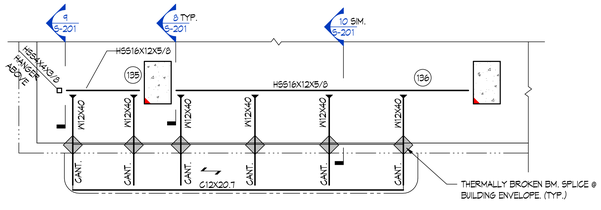


RETAIL CANOPY FRAMING PLAN

1/4" = 1'-0"

NOTES:

1. COORDINATE TOP OF STEEL ELEVATION WITH ARCHITECTURAL DRAWINGS.
2. DENOTES SPAN DIRECTION OF 20 GA. 3" NON-COMPOSITE METAL DECK (VULCRAFT 3NL-32 OR APPROVED EQUIVALENT)



RESIDENTIAL CANOPY FRAMING PLAN

1/4" = 1'-0"

NOTES:

1. COORDINATE TOP OF STEEL ELEVATION WITH ARCHITECTURAL DRAWINGS.
2. DENOTES SPAN DIRECTION OF 20 GA. 3" NON-COMPOSITE METAL DECK (VULCRAFT 3NL-32 OR APPROVED EQUIVALENT)

8' 0" 8' 16'

GRAPHIC SCALE

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	09/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD
	03/21/2025	50% PROGRESS SET

KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 20TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

2ND FLOOR FRAMING PLAN

SCALE: As indicated PAGE: 13 OF

S-102.00

DOB SCAN STICKER

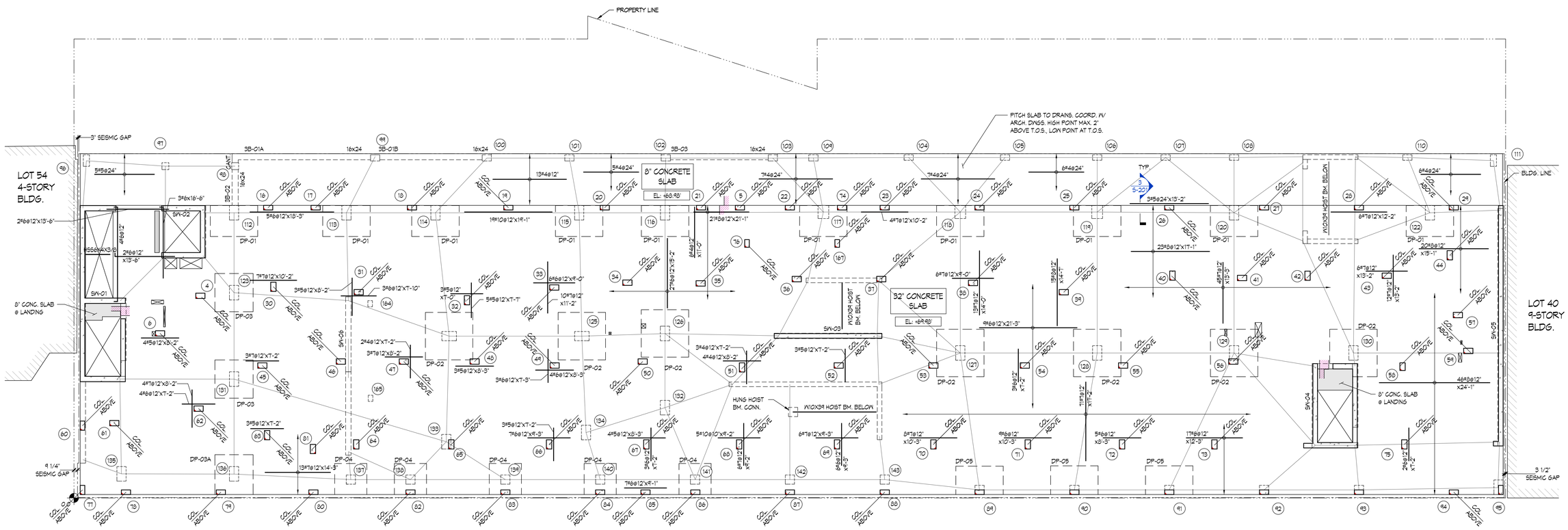
SEAL

CONSTRUCTION DOCUMENTS NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:32:24 PM
\\fs2\home\ethan.wong\ACC-R24-C5011.00_awong\PNSAN.rvt



3RD FLOOR FRAMING PLAN - BOTTOM REINFORCEMENT

1/8" = 1'-0"

NOTES:

1. "X" CONCRETE SLAB — DENOTES CONCRETE SLAB OF THICKNESS 'X'. SEE CONCRETE NOTES ON DRAWING S-001 FOR BALANCE OF INFORMATION.
2. EL. XX'-XX" — DENOTES TOP OF SLAB ELEVATION WITH RESPECT TO NAVD88 DATUM.
3. REINFORCING BARS SHOWN ON PLAN TO BE PLACED IN ACCORDANCE WITH TYPICAL FLAT PLATE DETAILS ON DRAWING S-003 AND IN ADDITION TO ANY STANDARD REINFORCEMENT CALLED FOR IN THOSE DETAILS.
4. ALL REINFORCING SHOWN ON PLAN IS TO BE PLACED IN ADDITION TO TYPICAL REINFORCEMENT AS FOLLOWS:
   8" SLAB: #4@12" BOTTOM EACH WAY CONTINUOUS
   32" SLAB: #10@12" BOTTOM EACH WAY CONTINUOUS
5. ——— DENOTES ADDITIONAL BOTTOM REINFORCEMENT.
7. PLACE EAST - WEST REINFORCEMENT IN THE OUTERMOST LAYER.
8. ALL REINFORCEMENT IN AREAS OF EXPOSED CONCRETE ARE TO BE EPOXY COATED. INCREASE BAR LENGTHS AS REQUIRED PER SCHEDULE ON S-002.
9. SLAB OPENINGS AND PENETRATIONS SHOWN SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING & SPRINKLER DRAWINGS.
10. FOR BEAM REINFORCEMENT, SEE BEAM SCHEDULES ON DRAWINGS S-303, TOP OF BEAMS TO BE EVEN WITH TOP OF SLAB, UNLESS OTHERWISE NOTED THUS (X-X').
11. FOR COLUMN DIMENSIONS & REINFORCEMENT, SEE COLUMN SCHEDULE ON DRAWINGS S-301 AND S-302.
12. SW-XX — DENOTES CONCRETE SHEAR WALL. SEE DRAWING S-401 AND S-402 FOR BALANCE OF INFORMATION.
13. X5RX — DENOTES STUDRAIL SHEAR REINFORCEMENT. SEE SCHEDULE ON DRAWING S-3XX.
14. S-X-- — DENOTES STEEL FRAMING.
15. DP-XX — DENOTES DROP PANEL. SEE DETAIL 4 ON DRAWING S-003 FOR BALNCE OF INFORMATION.
16. DENOTES TRENCH DRAIN AT F5A ELEVATOR TRENCH DRAIN. SEE DETAIL 6 ON DRAWING S-004.
17. DENOTES 1/2" TOPPING SLAB POURED MONOLITHICALLY. COORDINATE WITH ARCHITECTURAL DRAWINGS.

8' 0' 8' 16'

GRAPHIC SCALE

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	09/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD
	03/21/2025	50% PROGRESS SET

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

3RD FLOOR FRAMING PLAN - BOTTOM REINFORCEMENT

SCALE: 1/8" = 1'-0" PAGE: 14 OF

S-103.00

DOB SCAN STICKER

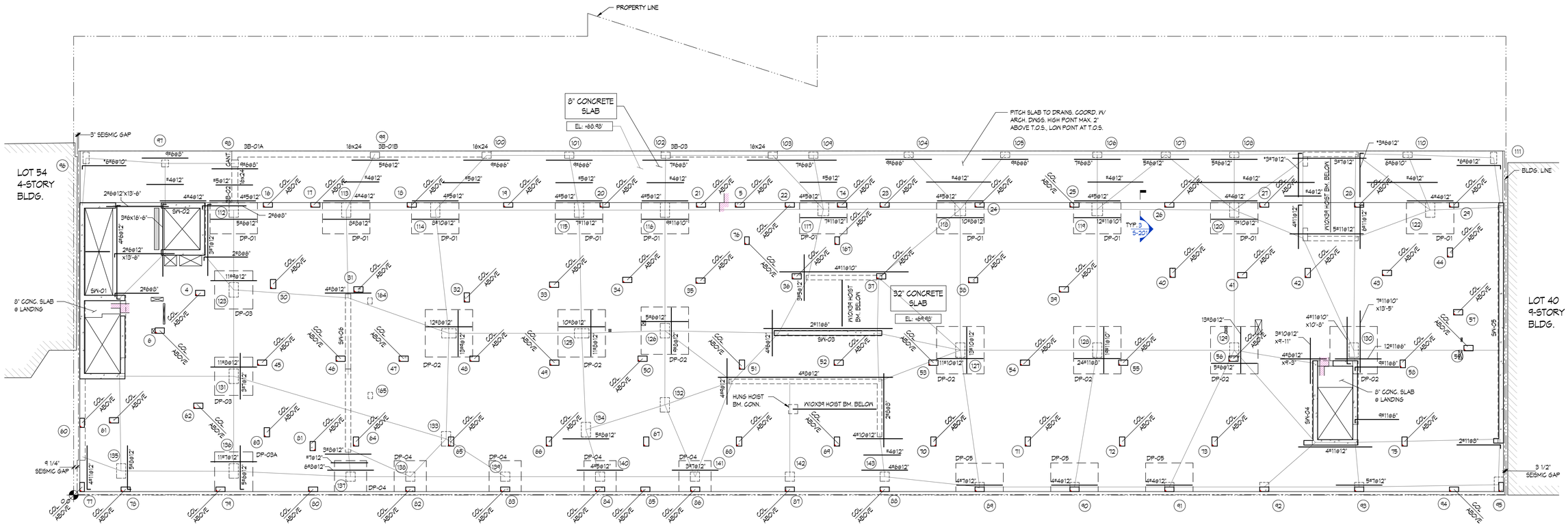
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:32:31 PM
\\fs2\Home\ethan.wong\ACC-R24-C5011.00_awong\PhSAN.rvt



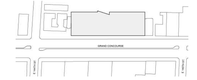
3RD FLOOR FRAMING PLAN - TOP REINFORCEMENT

1/8" = 1'-0"

NOTES:

1. SEE BOTTOM REINFORCEMENT PLAN FOR BALANCE FO INFORMATION.
2. REINFORCING BARS SHOWN ON PLAN TO BE PLACED IN ACCORDANCE WITH TYPICAL FLAT PLATE DETAILS ON DRAWING S-003 AND IN ADDITION TO ANY STANDARD REINFORCEMENT CALLED FOR IN THOSE DETAILS.
3. ALL REINFORCING SHOWN ON PLAN IS TO BE PLACED IN ADDITION TO TYPICAL REINFORCEMENT AS FOLLOWS:
   32" SLAB: #11@12" TOP EACH WAY CONTINUOUS
4. _____ DENOTES ADDITIONAL TOP REINFORCEMENT.
5. PLACE EAST-WEST REINFORCEMENT IN THE OUTERMOST LAYER.

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	09/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD
	03/21/2025	50% PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260.1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

3RD FLOOR FRAMING PLAN - TOP REINFORCEMENT

SCALE: 1/8" = 1'-0" PAGE: 14 OF

S-104.00

DOB SCAN STICKER

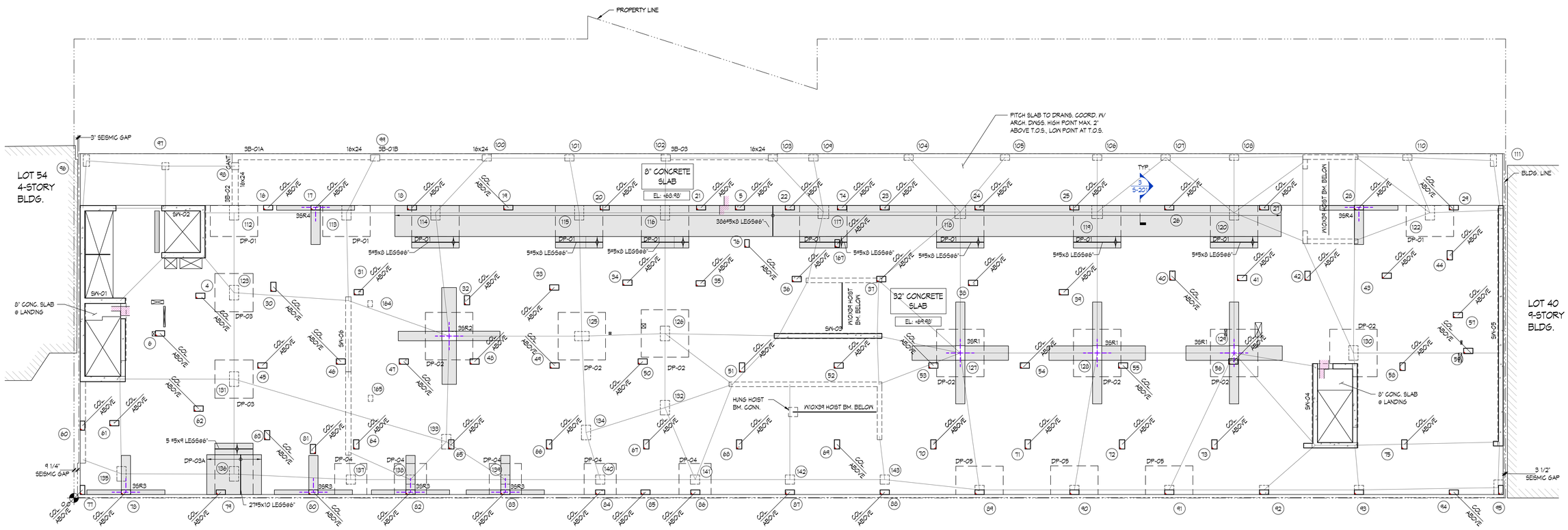
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:32:38 PM
\\fs2\Home\ethan.wong\ACC-R24-C5011.00_ewongPhSAN.rvt



3RD FLOOR FRAMING PLAN - SHEAR REINFORCEMENT

1/8" = 1'-0"

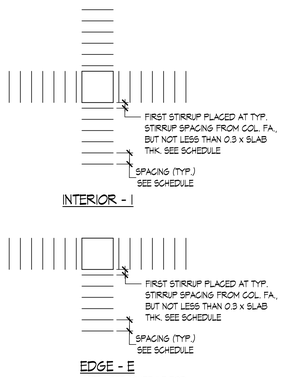
NOTES:

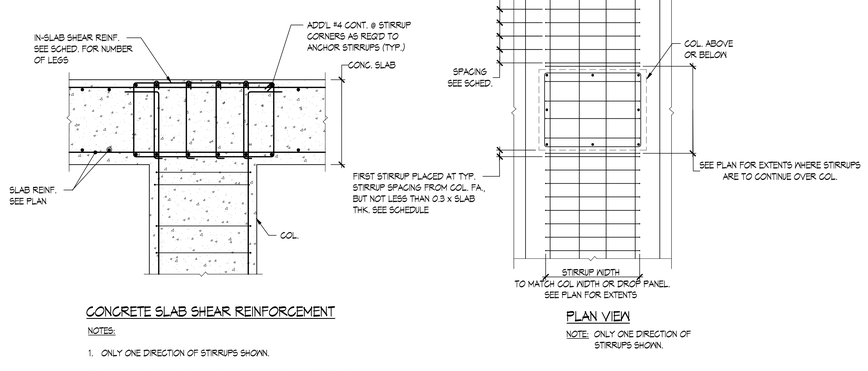
1. SEE BOTTOM REINFORCEMENT PLAN FOR BALANCE OF INFORMATION.
2. ——— DENOTES SHEAR REINFORCEMENT. SEE DETAILS ON THIS SHEET FOR BALANCE OF INFORMATION.
3. ▭ DENOTES REGION OF SHEAR REINFORCEMENT.

STIRRUP SHEAR REINFORCEMENT SCHEDULE

SR NO.	LOCATION	STIRRUPS	
		TYPE	COUNT SIZE & SPACING AT EACH COLUMN FACE
35R1	I	5 LEGS NS 7 LEGS EW	19#5@6" O.C.
35R2	I	7 LEGS NS 5 LEGS EW	19#5@6" O.C.
35R3	E	5 LEGS N 4 LEGS EW	15#5@6" O.C.
35R4	E	5 LEGS S 4 LEGS EW	15#5@6" O.C.

NOTES:
NS DENOTES LEGS PERPENDICULAR TO NORTH SOUTH SIDE OF COLUMN.
EW DENOTES LEGS PERPENDICULAR TO EAST WEST SIDE OF COLUMN.





1 STIRRUPS SHEAR REINFORCEMENT DETAILS
1/2" = 1'-0"

8' 0' 8' 16'
GRAPHIC SCALE

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	09/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD
	03/21/2025	50% PROGRESS SET

KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260.1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

3RD FLOOR FRAMING PLAN - SHEAR REINFORCEMENT

SCALE: As indicated PAGE: 14 OF

S-105.00

DOB SCAN STICKER

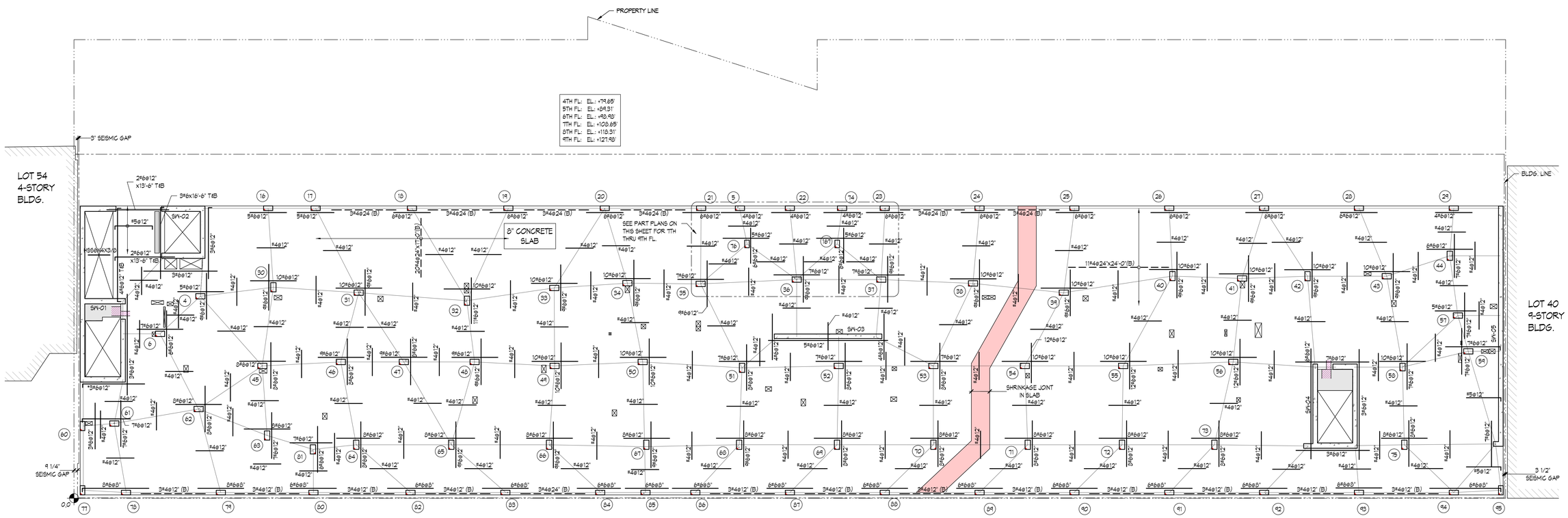
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:32:45 PM
\\fs2\Home\ethan.wong\ACC-R24-C5011.00_ewong\PhilSAN.rvt

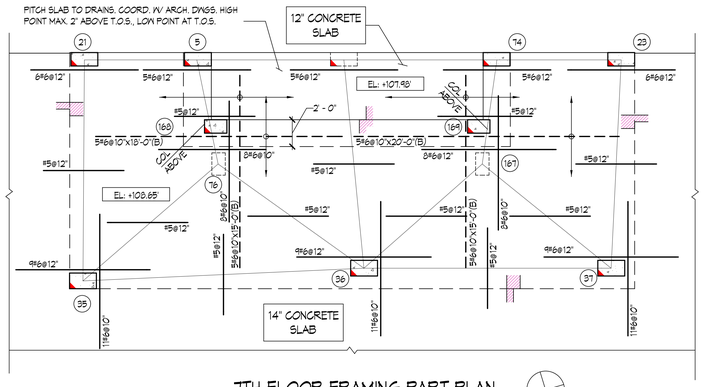


4TH - 9TH FLOOR FLOOR FRAMING PLAN

1/8" = 1'-0"

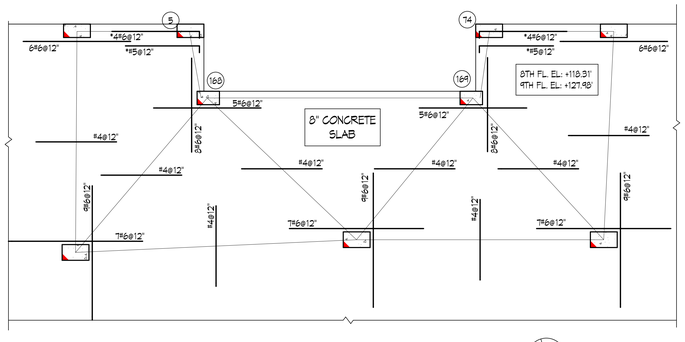
NOTES:

1. X" CONCRETE SLAB — DENOTES CONCRETE SLAB OF THICKNESS 'X'. SEE CONCRETE NOTES ON DRAWING S-001 FOR BALANCE OF INFORMATION.
2. EL. XX'-XX" — DENOTES TOP OF SLAB ELEVATION WITH RESPECT TO NAVD88 DATUM.
3. REINFORCING BARS SHOWN ON PLAN TO BE PLACED IN ACCORDANCE WITH TYPICAL FLAT PLATE DETAILS ON DRAWING S-003 AND IN ADDITION TO ANY STANDARD REINFORCEMENT CALLED FOR IN THOSE DETAILS.
4. ALL REINFORCING SHOWN ON PLAN IS TO BE PLACED IN ADDITION TO TYPICAL REINFORCEMENT OF AS FOLLOWS:
   12" SLAB: #5@12" BOTTOM EACH WAY CONTINUOUS
   14" SLAB: #5@10" BOTTOM EACH WAY CONTINUOUS
   8" SLAB: #4@12" BOTTOM EACH WAY CONTINUOUS
5. ___ (B) ___ — DENOTES ADDITIONAL BOTTOM REINFORCEMENT.
6. _____ — DENOTES ADDITIONAL TOP REINFORCEMENT.
7. PLACE EAST-WEST REINFORCEMENT IN THE OUTERMOST LAYER.
8. ALL REINFORCEMENT IN AREAS OF EXPOSED CONCRETE ARE TO BE EPOXY COATED. INCREASE BAR LENGTHS AS REQUIRED PER SCHEDULE ON S-002.
9. SLAB OPENINGS AND PENETRATIONS SHOWN SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING & SPRINKLER DRAWINGS.
10. FOR BEAM REINFORCEMENT, SEE BEAM SCHEDULES ON DRAWING S-303. TOP OF BEAMS TO BE EVEN WITH TOP OF SLAB, UNLESS OTHERWISE NOTED THUS (X'-X").
11. FOR COLUMN DIMENSIONS & REINFORCEMENT, SEE COLUMN SCHEDULE ON DRAWING S-301 AND S-302.
12. SW-XX — DENOTES CONCRETE SHEAR WALL. SEE DRAWING S-401 AMD S-402 FOR BALANCE OF INFORMATION.
13. XSRX — DENOTES STUDRAIL SHEAR REINFORCEMENT. SEE SCHEDULE ON DRAWING S-303.
14. S-X-- — DENOTES STEEL FRAMING.
15. DENOTES RAISED LIGHTWEIGHT CONCRETE SLAB. SEE DETAIL 7 ON DRAWING S-003.
16. DENOTES SHRINKAGE JOINT IN SLAB, SEE DETAIL 10 ON S-004.
17. DENOTES TRENCH DRAIN AT FSA ELEVATOR. SEE DETAIL 6 ON DRAWING S-004.
18. * — DENOTES REINFORCEMENT TO BE PLACED IN LIEU OF TYPICAL #5@12" TOP EDGE REINFORCEMENT CALLED FOR IN DETAIL 2 ON S-003.
19. DENOTES 1/2" TOPPING SLAB POURED MONOLITHICALLY. COORDINATE WITH ARCHITECTURAL DRAWINGS.



7TH FLOOR FRAMING PART PLAN

1/4" = 1'-0"



8TH-9TH FLOOR FRAMING PART PLAN

1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	09/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD
	03/21/2025	50% PROGRESS SET

KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T.212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212).260.1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212).964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

4TH - 9TH FLOOR FLOOR FRAMING PLAN

SCALE: As indicated PAGE: 15 OF

S-106.00

DOB SCAN STICKER

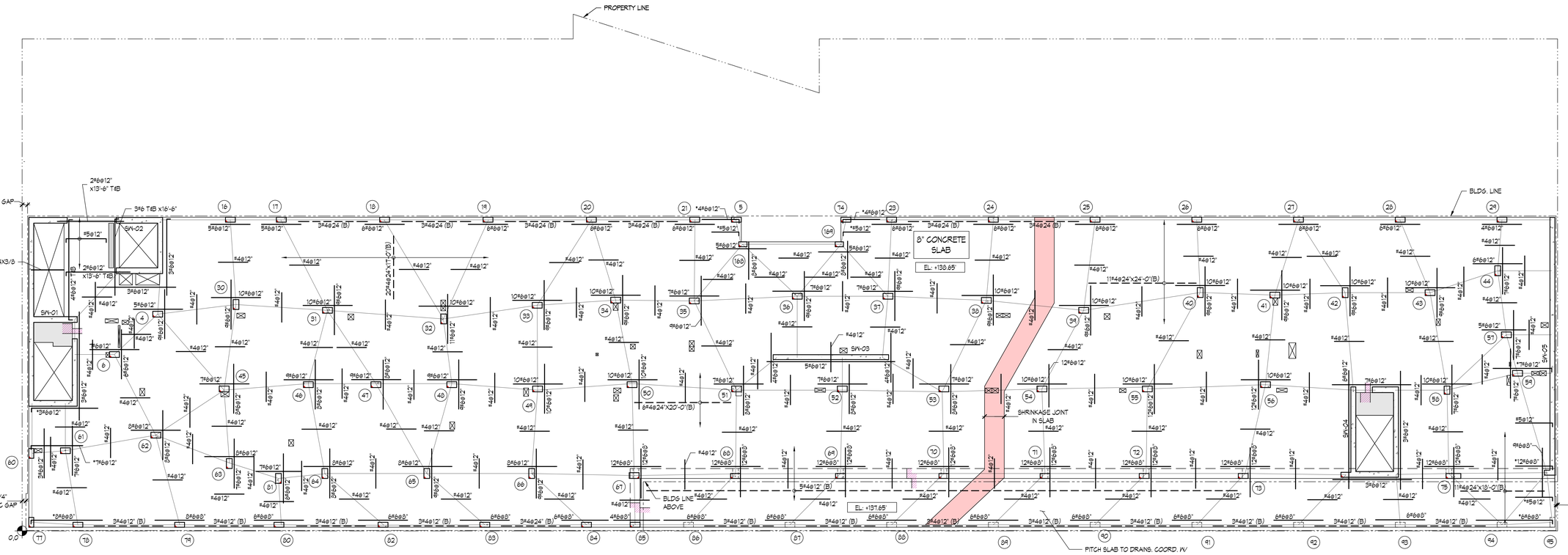
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:32:06 PM
\\fs2\Home\ethan.wong\ACC-R24-C5011.00_ewong\PNS\AN.rvt



10TH FLOOR FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. X" CONCRETE SLAB — DENOTES CONCRETE SLAB OF THICKNESS 'X'. SEE CONCRETE NOTES ON DRAWING S-001 FOR BALANCE OF INFORMATION.
2. EL. XX'-XX" — DENOTES TOP OF SLAB ELEVATION WITH RESPECT TO NAVD88 DATUM.
3. REINFORCING BARS SHOWN ON PLAN TO BE PLACED IN ACCORDANCE WITH TYPICAL FLAT PLATE DETAILS ON DRAWING S-003 AND IN ADDITION TO ANY STANDARD REINFORCEMENT CALLED FOR IN THOSE DETAILS.
4. ALL REINFORCING SHOWN ON PLAN IS TO BE PLACED IN ADDITION TO TYPICAL BOTTOM REINFORCEMENT OF #4@12" BOTTOM EACH WAY CONTINUOUS.
5. __ (B) __ — DENOTES ADDITIONAL BOTTOM REINFORCEMENT.
6. _____ — DENOTES ADDITIONAL TOP REINFORCEMENT.
7. PLACE EAST-WEST REINFORCEMENT IN THE OUTERMOST LAYER.
8. ALL REINFORCEMENT IN AREAS OF EXPOSED CONCRETE ARE TO BE EPOXY COATED. INCREASE BAR LENGTHS AS REQUIRED PER SCHEDULE ON S-002.
9. SLAB OPENINGS AND PENETRATIONS SHOWN SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING & SPRINKLER DRAWINGS.
10. FOR BEAM REINFORCEMENT, SEE BEAM SCHEDULES ON DRAWING S-303. TOP OF BEAMS TO BE EVEN WITH TOP OF SLAB, UNLESS OTHERWISE NOTED THUS (X'-X").
11. FOR COLUMN DIMENSIONS & REINFORCEMENT, SEE COLUMN SCHEDULE ON DRAWING S-301 AND S-302.
12. SW-XX — DENOTES CONCRETE SHEAR WALL. SEE DRAWING S-401 AMD S-402 FOR BALANCE OF INFORMATION.
13. XSRX — DENOTES STUDRAIL SHEAR REINFORCEMENT. SEE SCHEDULE ON DRAWING S-303.
14. S-X-- — DENOTES STEEL FRAMING.
15. DENOTES RAISED LIGHTWEIGHT CONCRETE SLAB. SEE DETAIL 7 ON DRAWING S-003.
16. DENOTES SHRINKAGE JOINT IN SLAB, SEE DETAIL 10 ON S-004.
17. DENOTES TRENCH DRAIN AT FSA ELEVATOR. SEE DETAIL 6 ON DRAWING S-004.
18. * — DENOTES REINFORCEMENT TO BE PLACED IN LIEU OF TYPICAL #5@12" TOP EDGE REINFORCEMENT CALLED FOR IN DETAIL 2 ON S-003.
19. DENOTES 1/2" TOPPING SLAB POURED MONOLITHICALLY. COORDINATE WITH ARCHITECTURAL DRAWINGS.

8' 0' 8' 16'

GRAPHIC SCALE

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	09/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD
	03/21/2025	50% PROGRESS SET

KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212).260.1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212).964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

10TH FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0" PAGE: 17 OF

S-107.00

DOB SCAN STICKER

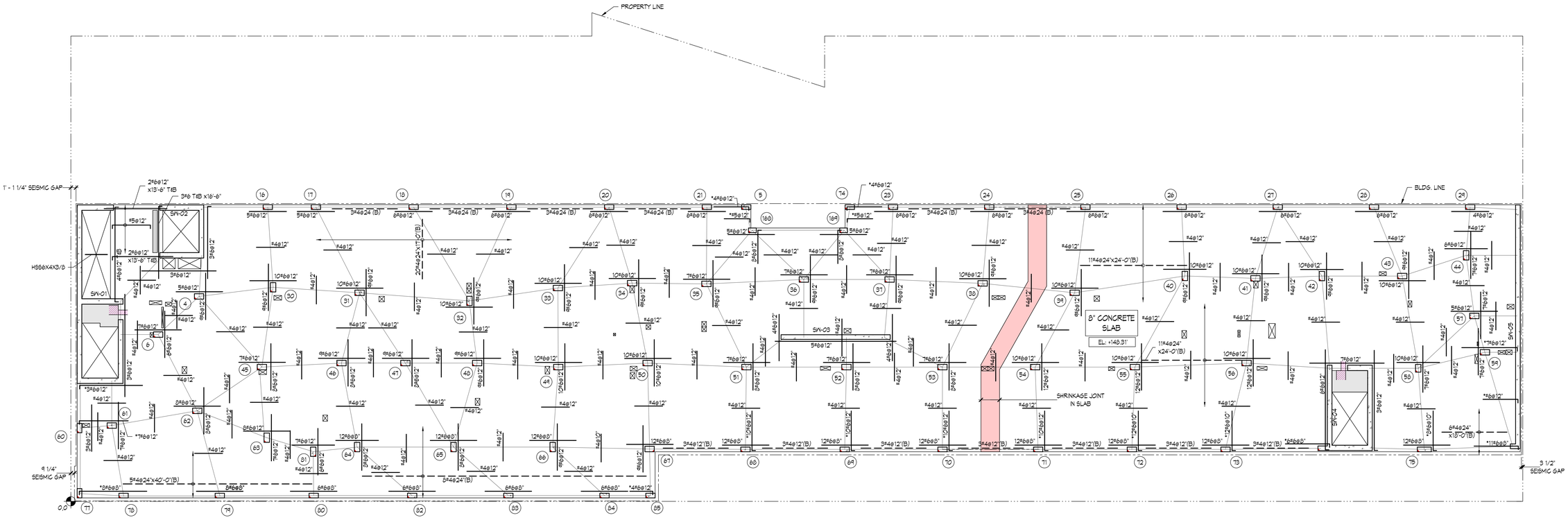
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:33:05 PM
\\fs2\Home\ethan.wong\ACC-R24-C5011.00_awong\PhilSAN.rvt



11TH FLOOR FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. [X" CONCRETE SLAB] DENOTES CONCRETE SLAB OF THICKNESS 'X'. SEE CONCRETE NOTES ON DRAWING S-001 FOR BALANCE OF INFORMATION.
2. [EL. XX'-XX"] DENOTES TOP OF SLAB ELEVATION WITH RESPECT TO NAVD88 DATUM.
3. REINFORCING BARS SHOWN ON PLAN TO BE PLACED IN ACCORDANCE WITH TYPICAL FLAT PLATE DETAILS ON DRAWING S-003 AND IN ADDITION TO ANY STANDARD REINFORCEMENT CALLED FOR IN THOSE DETAILS.
4. ALL REINFORCING SHOWN ON PLAN IS TO BE PLACED IN ADDITION TO TYPICAL BOTTOM REINFORCEMENT OF #4@12" BOTTOM EACH WAY CONTINUOUS.
5. __ (B) __ DENOTES ADDITIONAL BOTTOM REINFORCEMENT.
6. _____ DENOTES ADDITIONAL TOP REINFORCEMENT.
7. PLACE EAST-WEST REINFORCEMENT IN THE OUTERMOST LAYER.
8. ALL REINFORCEMENT IN AREAS OF EXPOSED CONCRETE ARE TO BE EPOXY COATED. INCREASE BAR LENGTHS AS REQUIRED PER SCHEDULE ON S-002.
9. SLAB OPENINGS AND PENETRATIONS SHOWN SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING & SPRINKLER DRAWINGS.
10. FOR BEAM REINFORCEMENT, SEE BEAM SCHEDULES ON DRAWING S-303. TOP OF BEAMS TO BE EVEN WITH TOP OF SLAB, UNLESS OTHERWISE NOTED THUS (X-X").
11. FOR COLUMN DIMENSIONS & REINFORCEMENT, SEE COLUMN SCHEDULE ON DRAWING S-301 AND S-302.
12. SW-XX DENOTES CONCRETE SHEAR WALL. SEE DRAWING S-401 AMD S-402 FOR BALANCE OF INFORMATION.
13. X5RX DENOTES STUDRAIL SHEAR REINFORCEMENT. SEE SCHEDULE ON DRAWING S-303.
14. S-X-- DENOTES STEEL FRAMING.
15. DENOTES RAISED LIGHTWEIGHT CONCRETE SLAB. SEE DETAIL 7 ON DRAWING S-003.
16. DENOTES SHRINKAGE JOINT IN SLAB, SEE DETAIL 10 ON S-004.
17. DENOTES TRENCH DRAIN AT FSA ELEVATOR. SEE DETAIL 6 ON DRAWING S-004.
18. * DENOTES REINFORCEMENT TO BE PLACED IN LIEU OF TYPICAL #5@12" TOP EDGE REINFORCEMENT CALLED FOR IN DETAIL 2 ON S-003.
19. DENOTES 1/2" TOPPING SLAB POURED MONOLITHICALLY. COORDINATE WITH ARCHITECTURAL DRAWINGS.

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	09/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD
	03/21/2025	50% PROGRESS SET

KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260.1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

11TH FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0" PAGE: 16 OF

S-108.00

DOB SCAN STICKER

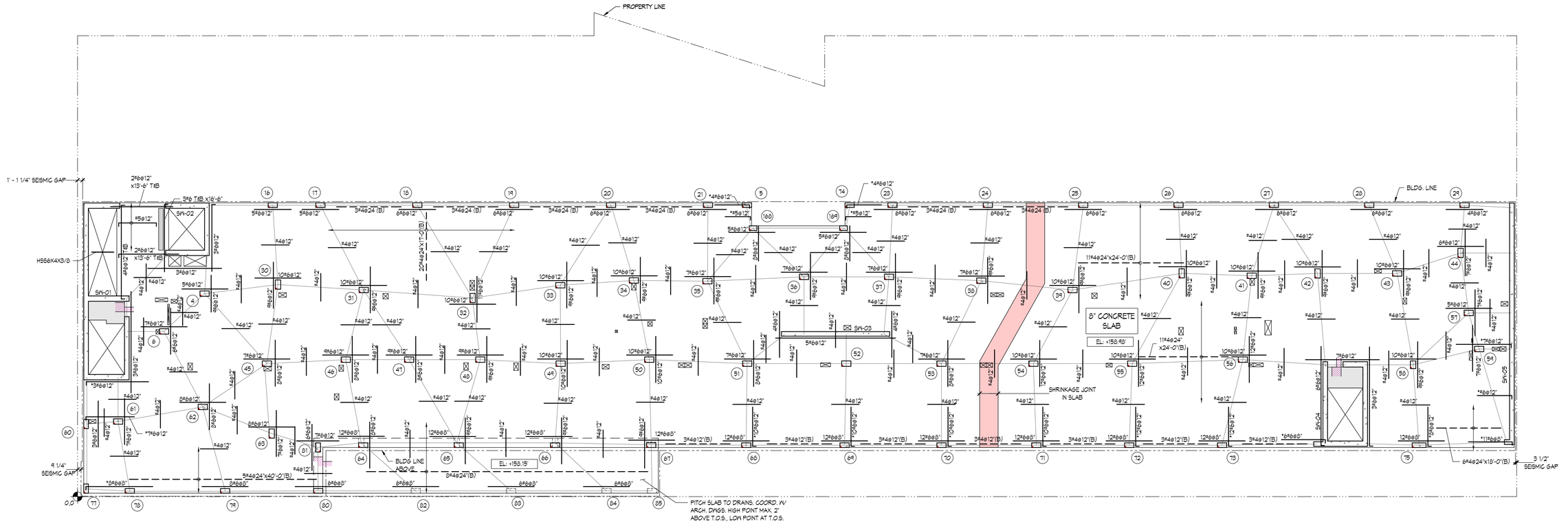
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:33:13 PM
\\fs2\Home\ethan.wong\ACC-R24-C5011.00_awong\PhilSAN.rvt



12TH FLOOR FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. X" CONCRETE SLAB — DENOTES CONCRETE SLAB OF THICKNESS 'X'. SEE CONCRETE NOTES ON DRAWING S-001 FOR BALANCE OF INFORMATION.
2. EL. XX'-XX" — DENOTES TOP OF SLAB ELEVATION WITH RESPECT TO NAVD88 DATUM.
3. REINFORCING BARS SHOWN ON PLAN TO BE PLACED IN ACCORDANCE WITH TYPICAL FLAT PLATE DETAILS ON DRAWING S-003 AND IN ADDITION TO ANY STANDARD REINFORCEMENT CALLED FOR IN THOSE DETAILS.
4. ALL REINFORCING SHOWN ON PLAN IS TO BE PLACED IN ADDITION TO TYPICAL BOTTOM REINFORCEMENT OF #4@12" BOTTOM EACH WAY CONTINUOUS.
5. __ (B) __ — DENOTES ADDITIONAL BOTTOM REINFORCEMENT.
6. _____ — DENOTES ADDITIONAL TOP REINFORCEMENT.
7. PLACE EAST-WEST REINFORCEMENT IN THE OUTERMOST LAYER.
8. ALL REINFORCEMENT IN AREAS OF EXPOSED CONCRETE ARE TO BE EPOXY COATED. INCREASE BAR LENGTHS AS REQUIRED PER SCHEDULE ON S-002.
9. SLAB OPENINGS AND PENETRATIONS SHOWN SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING & SPRINKLER DRAWINGS.
10. FOR BEAM REINFORCEMENT, SEE BEAM SCHEDULES ON DRAWING S-303. TOP OF BEAMS TO BE EVEN WITH TOP OF SLAB, UNLESS OTHERWISE NOTED THUS (X'-X").
11. FOR COLUMN DIMENSIONS & REINFORCEMENT, SEE COLUMN SCHEDULE ON DRAWING S-301 AND S-302.
12. SW-XX — DENOTES CONCRETE SHEAR WALL. SEE DRAWING S-401 AMD S-402 FOR BALANCE OF INFORMATION.
13. XSRX — DENOTES STUDRAIL SHEAR REINFORCEMENT. SEE SCHEDULE ON DRAWING S-303.
14. S-X-- — DENOTES STEEL FRAMING.
15. DENOTES RAISED LIGHTWEIGHT CONCRETE SLAB. SEE DETAIL 7 ON DRAWING S-003.
16. DENOTES SHRINKAGE JOINT IN SLAB, SEE DETAIL 10 ON S-004.
17. DENOTES TRENCH DRAIN AT FSA ELEVATOR, SEE DETAIL 6 ON DRAWING S-004.
18. * — DENOTES REINFORCEMENT TO BE PLACED IN LIEU OF TYPICAL #5@12" TOP EDGE REINFORCEMENT CALLED FOR IN DETAIL 2 ON S-003.
19. DENOTES 1/2" TOPPING SLAB POURED MONOLITHICALLY. COORDINATE WITH ARCHITECTURAL DRAWINGS.

8' 0' 8' 16'

GRAPHIC SCALE

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	09/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD
	03/21/2025	50% PROGRESS SET

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260.1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

12TH FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0" PAGE: 18 OF

S-109.00

DOB SCAN STICKER

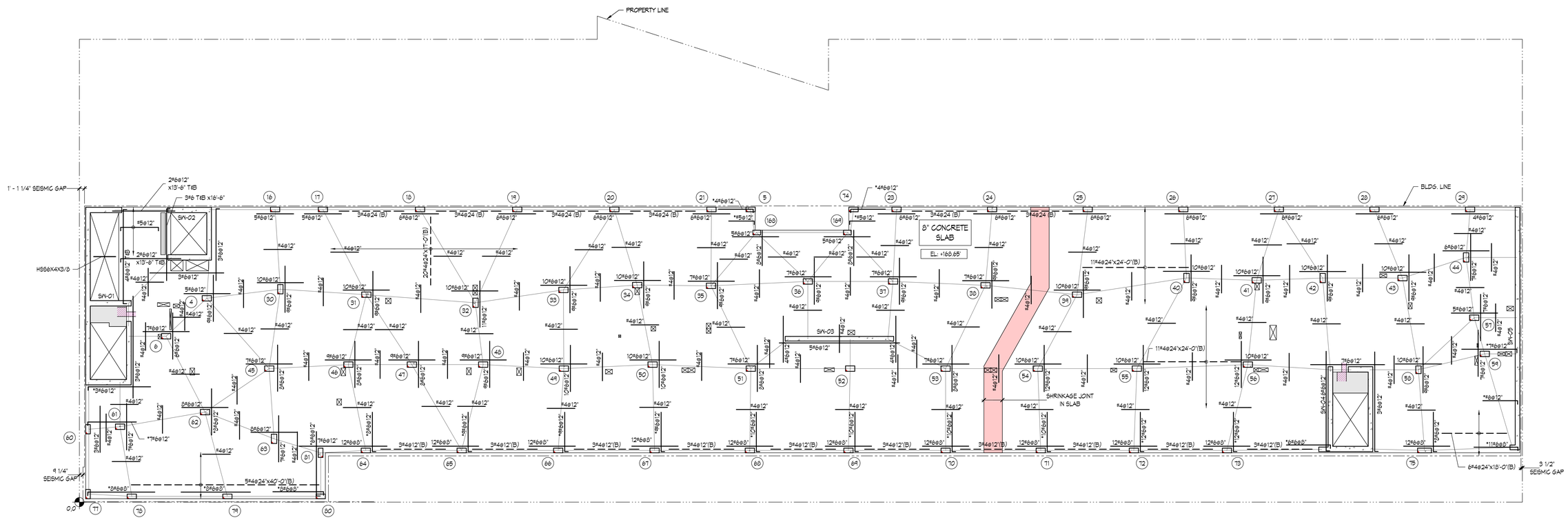
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:33:20 PM
\\fs2\Home\ethan.wong\ACC-R24-C5011.00_awong\PhilSAN.rvt



PENTHOUSE FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. X" CONCRETE SLAB — DENOTES CONCRETE SLAB OF THICKNESS 'X'. SEE CONCRETE NOTES ON DRAWING S-001 FOR BALANCE OF INFORMATION.
2. EL. XX'-XX" — DENOTES TOP OF SLAB ELEVATION WITH RESPECT TO NAVD88 DATUM.
3. REINFORCING BARS SHOWN ON PLAN TO BE PLACED IN ACCORDANCE WITH TYPICAL FLAT PLATE DETAILS ON DRAWING S-003 AND IN ADDITION TO ANY STANDARD REINFORCEMENT CALLED FOR IN THOSE DETAILS.
4. ALL REINFORCING SHOWN ON PLAN IS TO BE PLACED IN ADDITION TO TYPICAL BOTTOM REINFORCEMENT OF #4@12" BOTTOM EACH WAY CONTINUOUS.
5. __ (B) __ — DENOTES ADDITIONAL BOTTOM REINFORCEMENT.
6. _____ — DENOTES ADDITIONAL TOP REINFORCEMENT.
7. PLACE EAST-WEST REINFORCEMENT IN THE OUTERMOST LAYER.
8. ALL REINFORCEMENT IN AREAS OF EXPOSED CONCRETE ARE TO BE EPOXY COATED. INCREASE BAR LENGTHS AS REQUIRED PER SCHEDULE ON S-002.
9. SLAB OPENINGS AND PENETRATIONS SHOWN SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING & SPRINKLER DRAWINGS.
10. FOR BEAM REINFORCEMENT, SEE BEAM SCHEDULES ON DRAWING S-303. TOP OF BEAMS TO BE EVEN WITH TOP OF SLAB, UNLESS OTHERWISE NOTED THUS (X'-X").
11. FOR COLUMN DIMENSIONS & REINFORCEMENT, SEE COLUMN SCHEDULE ON DRAWING S-301 AND S-302.
12. SW-XX — DENOTES CONCRETE SHEAR WALL. SEE DRAWING S-401 AMD S-402 FOR BALANCE OF INFORMATION.
13. X5RX — DENOTES STUDRAIL SHEAR REINFORCEMENT. SEE SCHEDULE ON DRAWING S-303.
14. S-X-- — DENOTES STEEL FRAMING.
15. DENOTES RAISED LIGHTWEIGHT CONCRETE SLAB. SEE DETAIL 7 ON DRAWING S-003.
16. DENOTES SHRINKAGE JOINT IN SLAB, SEE DETAIL 10 ON S-004.
17. DENOTES TRENCH DRAIN AT FSA ELEVATOR. SEE DETAIL 6 ON DRAWING S-004.
18. * — DENOTES REINFORCEMENT TO BE PLACED IN LIEU OF TYPICAL #5@12" TOP EDGE REINFORCEMENT CALLED FOR IN DETAIL 2 ON S-003.
19. DENOTES 1/2" TOPPING SLAB POURED MONOLITHICALLY. COORDINATE WITH ARCHITECTURAL DRAWINGS.

8' 0' 8' 16'

GRAPHIC SCALE

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	09/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD
	03/21/2025	50% PROGRESS SET

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T.212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260.1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

PENTHOUSE FRAMING PLAN

SCALE: 1/8" = 1'-0" PAGE: 19 OF

S-110.00

DOB SCAN STICKER

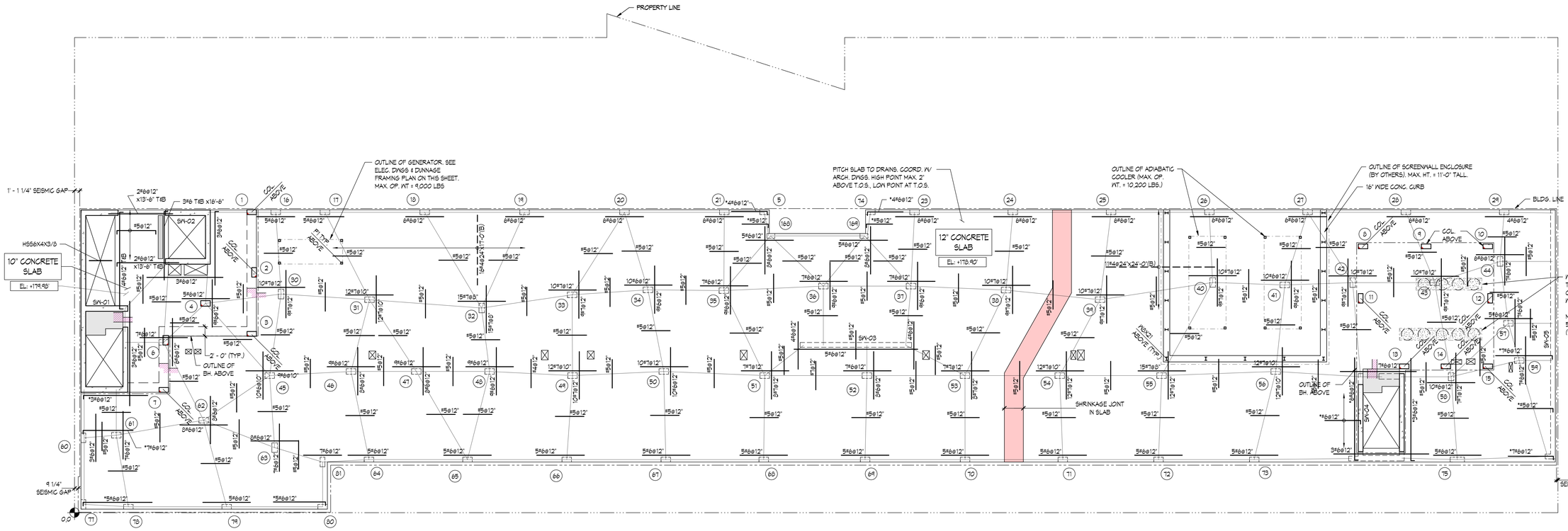
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:33:29 PM
\\fs2\Home\ethan.wong\ACC-R24-C5011.00_ewong\PHSAN.rvt

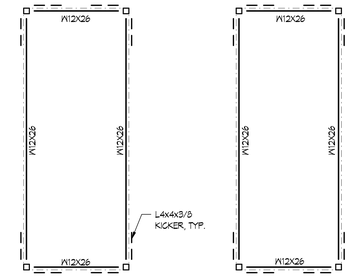


ROOF FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. X" CONCRETE SLAB — DENOTES CONCRETE SLAB OF THICKNESS 'X'. SEE CONCRETE NOTES ON DRAWING S-001 FOR BALANCE OF INFORMATION.
2. EL. XX'-XX" — DENOTES TOP OF SLAB ELEVATION WITH RESPECT TO NAVD88 DATUM.
3. REINFORCING BARS SHOWN ON PLAN TO BE PLACED IN ACCORDANCE WITH TYPICAL FLAT PLATE DETAILS ON DRAWING S-003 AND IN ADDITION TO ANY STANDARD REINFORCEMENT CALLED FOR IN THOSE DETAILS.
4. ALL REINFORCING SHOWN ON PLAN IS TO BE PLACED IN ADDITION TO TYPICAL BOTTOM REINFORCEMENT OF #5@12" BOTTOM EACH WAY CONTINUOUS IN 10" AND 12" SLABS.
5. __ (B) __ — DENOTES ADDITIONAL BOTTOM REINFORCEMENT.
6. _____ — DENOTES ADDITIONAL TOP REINFORCEMENT.
7. PLACE EAST-WEST REINFORCEMENT IN THE OUTERMOST LAYER.
8. ALL REINFORCEMENT IN AREAS OF EXPOSED CONCRETE ARE TO BE EPOXY COATED. INCREASE BAR LENGTHS AS REQUIRED PER SCHEDULE ON S-002.
9. SLAB OPENINGS AND PENETRATIONS SHOWN SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING & SPRINKLER DRAWINGS.
10. FOR BEAM REINFORCEMENT, SEE BEAM SCHEDULES ON DRAWING S-303. TOP OF BEAMS TO BE EVEN WITH TOP OF SLAB, UNLESS OTHERWISE NOTED THUS (X-X').
11. FOR COLUMN DIMENSIONS & REINFORCEMENT, SEE COLUMN SCHEDULE ON DRAWING S-301 AND S-302.
12. SW-XX — DENOTES CONCRETE SHEAR WALL. SEE DRAWING S-401 AMD S-402 FOR BALANCE OF INFORMATION.
13. X5RX — DENOTES STUDRAIL SHEAR REINFORCEMENT. SEE SCHEDULE ON DRAWING S-303.
14. S-X-- — DENOTES STEEL FRAMING.
15. DENOTES RAISED LIGHTWEIGHT CONCRETE SLAB. SEE DETAIL 7 ON DRAWING S-003.
16. DENOTES SHRINKAGE JOINT IN SLAB. SEE DETAIL 10 ON S-004.
17. DENOTES TRENCH DRAIN AT FSA ELEVATOR. SEE DETAIL 6 ON DRAWING S-004.
18. * — DENOTES REINFORCEMENT TO BE PLACED IN LIEU OF TYPICAL #5@12" TOP EDGE REINFORCEMENT CALLED FOR IN DETAIL 3 ON S DETAIL 2 ON DRAWING S-003.
19. DENOTES 1/2" TOPPING SLAB POURED MONOLITHICALLY. COORDINATE WITH ARCHITECTURAL DRAWINGS.

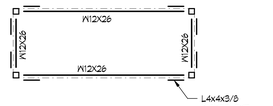


ADIABATIC COOLER DUNNAGE FRAMING PLAN

1/4" = 1'-0"

NOTES:

1. P1 — DENOTES HSS5x5x3/8 (GALVANIZED) POST



DUNNAGE FRAMING PLAN

1/4" = 1'-0"

NOTES:

1. P1 — DENOTES HSS5x5x3/8 (GALVANIZED) POST.

8' 0' 8' 16'

GRAPHIC SCALE

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	09/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD
	03/21/2025	50% PROGRESS SET

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T.212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260.1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

ROOF FRAMING PLAN

SCALE: As indicated PAGE: 20 OF

S-111.00

DOB SCAN STICKER

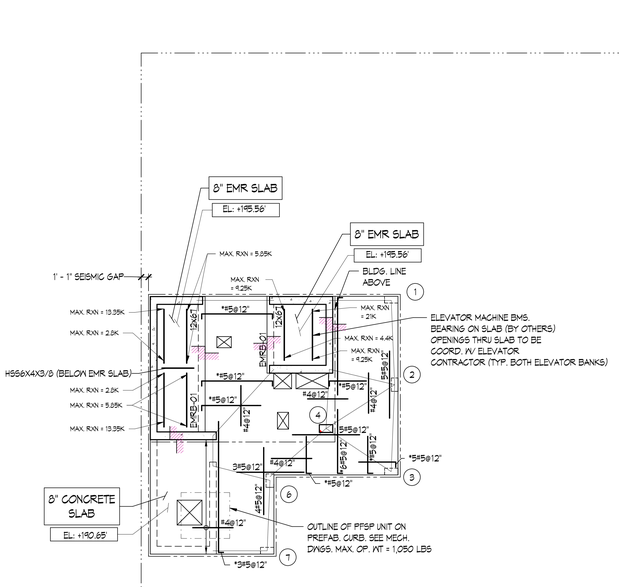
SEAL

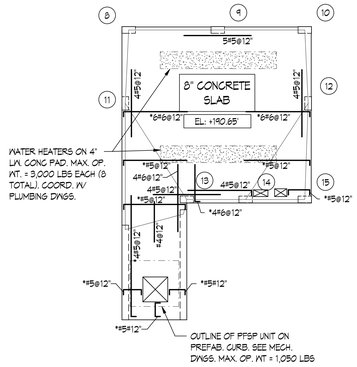
CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:33:36 PM
//file2/home/ethan.wong/ACC-R24-C5011.00_ewongPHSAN.rvt



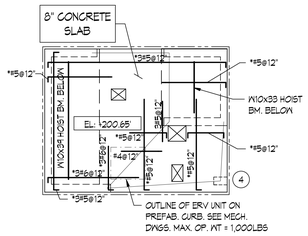


BULKHEAD FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. X" CONCRETE SLAB — DENOTES CONCRETE SLAB OF THICKNESS 'X'. SEE CONCRETE NOTES ON DRAWING S-001 FOR BALANCE OF INFORMATION.
2. EL. XX'-XX" — DENOTES TOP OF SLAB ELEVATION WITH RESPECT TO (EL. X'-X" NAVD88 DATUM).
3. REINFORCING BARS SHOWN ON PLAN TO BE PLACED IN ACCORDANCE WITH TYPICAL FLAT PLATE DETAILS ON DRAWING S-003 AND IN ADDITION TO ANY STANDARD REINFORCEMENT CALLED FOR IN THOSE DETAILS.
4. ALL REINFORCING SHOWN ON PLAN IS TO BE PLACED IN ADDITION TO TYPICAL REINFORCEMENT AS FOLLOWS:
   8" SLAB - #4@12" BOTTOM REINFORCEMENT EACH WAY CONTINUOUS
   8" EMR SLAB - #5@12" BOTTOM REINFORCEMENT AND #6@12" TOP REINFORCEMENT EACH WAY CONTINUOUS
5. ___ (B) ___ — DENOTES ADDITIONAL BOTTOM REINFORCEMENT.
6. ———— — DENOTES ADDITIONAL TOP REINFORCEMENT.
7. PLACE EAST-WEST REINFORCEMENT IN THE OUTERMOST LAYER.
8. ALL REINFORCEMENT IN AREAS OF EXPOSED CONCRETE ARE TO BE EPOXY COATED. INCREASE BAR LENGTHS AS REQUIRED PER SCHEDULE ON S-002.
9. SLAB OPENINGS AND PENETRATIONS SHOWN SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING & SPRINKLER DRAWINGS.
10. FOR BEAM REINFORCEMENT, SEE BEAM SCHEDULES ON DRAWING S-303. TOP OF BEAMS TO BE EVEN WITH TOP OF SLAB, UNLESS OTHERWISE NOTED THUS (X'-X").
11. FOR COLUMN DIMENSIONS & REINFORCEMENT, SEE COLUMN SCHEDULE ON DRAWING S-301 AND S-302.
12. SW-XX — DENOTES CONCRETE SHEAR WALL. SEE DRAWING S-401 AND S-402 FOR BALANCE OF INFORMATION.
13. XSRX — DENOTES STUDRAIL SHEAR REINFORCEMENT. SEE SCHEDULE ON DRAWING S-303.
14. S-x-- — DENOTES STEEL FRAMING.
15. ☐ — DENOTES RAISED LIGHTWEIGHT CONCRETE SLAB. SEE DETAIL 7 ON DRAWING S-003.
16. * — DENOTES REINFORCEMENT TO BE PLACED IN LIEU OF TYPICAL #5@12" TOP EDGE REINFORCEMENT CALLED FOR IN DETAIL 3 ON S DETAIL 2 ON DRAWING S-003.



EMR ROOF FRAMING PLAN

1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	09/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD
	03/21/2025	50% PROGRESS SET

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T.212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

BULKHEAD FRAMING PLAN

SCALE: 1/8" = 1'-0" PAGE: 21 OF

S-112.00

DOB SCAN STICKER

8' 0' 8' 16'

GRAPHIC SCALE

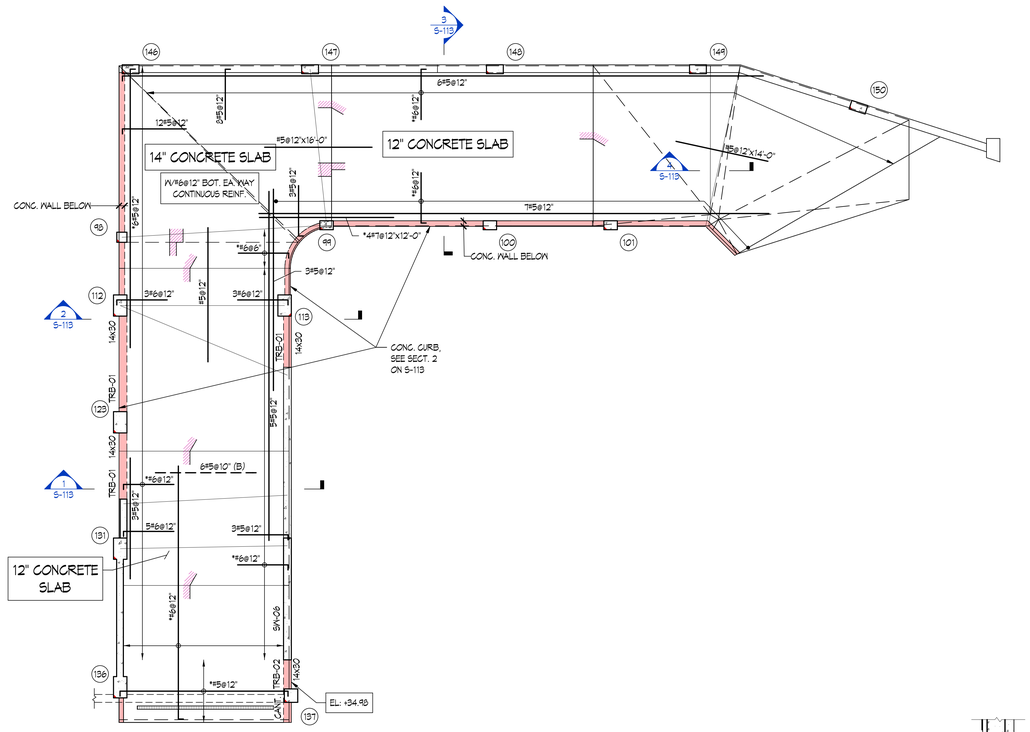
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:33:42 PM
\\fs3\home\ethan.wong\ACC-R24-C5011.00_wongPHSAN.rvt

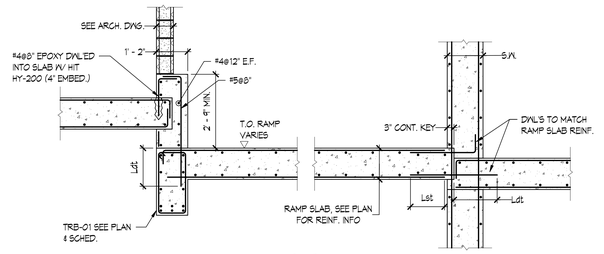


RAMP FRAMING PART PLAN

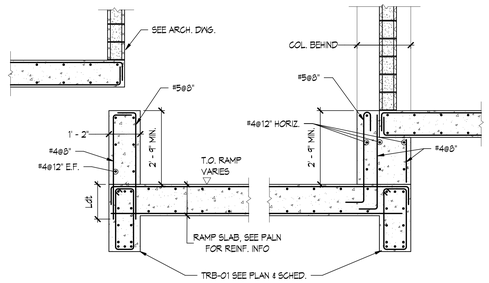
1/8" = 1'-0"

NOTES:

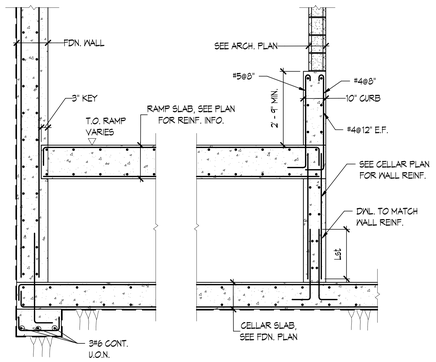
1. ALL REINFORCING SHOWN ON PLAN IS TO BE PLACED IN ADDITION TO TYPICAL BOTTOM REINFORCEMENT OF #5@10" EACH WAY CONTINUOUS IN 12" AND 14" SLAB. SEE FLAT PLATE REINFORCING DETAILS ON S-003 FOR BALANCE OF INFORMATION.
2. * DENOTES REINFORCEMENT TO BE PLACED IN LIEU OF TYPICAL #5@12" TOP EDGE REINFORCEMENT CALLED FOR IN DETAIL 2 ON S-003.
3. ___ (B) ___ DENOTES ADDITIONAL BOTTOM REINFORCEMENT.
4. ———— DENOTES ADDITIONAL TOP REINFORCEMENT.
5. PLACE NORTH-SOUTH REINFORCEMENT IN THE OUTERMOST LAYER.
7. RAMP HAS BEEN DESIGNED FOR THE IMPACT LOADS IMPOSED BY (ONE) 1000KVA ELECTRICAL TRANSFORMER WEIGHING 25,000LBS, TRANSPORTED ON A CLASS 6 VEHICLE WITH GROSS VEHICLE WEIGHT RATING (GVWR) NOT EXCEEDING 26,000LBS. IT IS ASSUMED THAT ONE TRANSFORMER WILL BE BROUGHT INTO THE BUILDING VIA THE RAMP AT A TIME. SUBMIT EQUIPMENT AND MEANS/METHODS OF TRANSPORTATION FOR ENGINEER'S REVIEW.



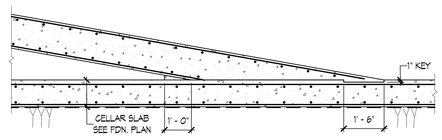
1 SECTION
1/2" = 1'-0"



2 SECTION
1/2" = 1'-0"

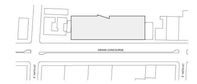


3 SECTION
1/2" = 1'-0"



4 SECTION
1/2" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	09/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD
	03/21/2025	50% PROGRESS SET



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

RAMP FRAMING PART PLAN

SCALE: As indicated PAGE: 21 OF

S-113.00

DOB SCAN STICKER

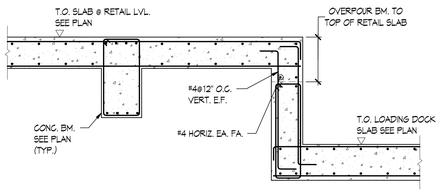
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

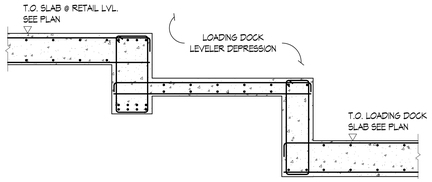
11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

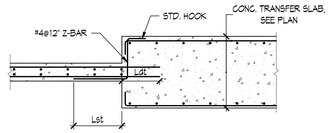
11/4/2025 4:33:48 PM
//Mac/Home/ethan.wong/ACC-R24-C5011.00_ewongRHSAN.rvt



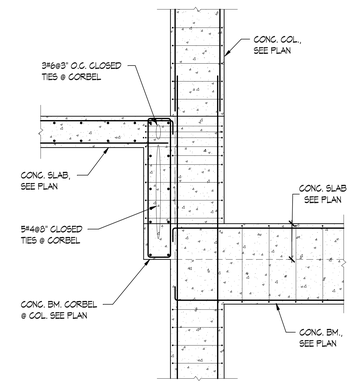
1 SECTION
1/2" = 1'-0"



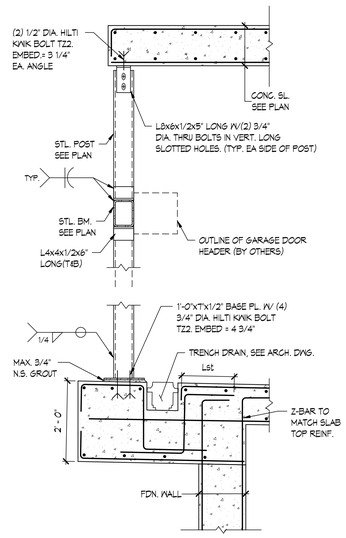
2 SECTION
1/2" = 1'-0"



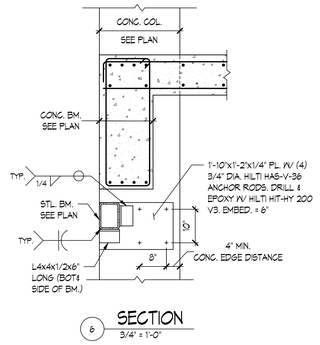
3 SECTION
1/2" = 1'-0"



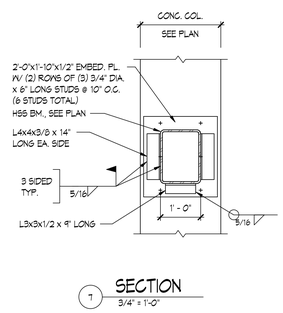
4 SECTION
1/2" = 1'-0"



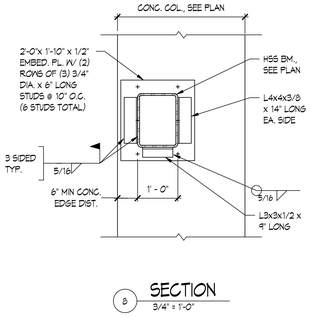
5 SECTION
3/4" = 1'-0"



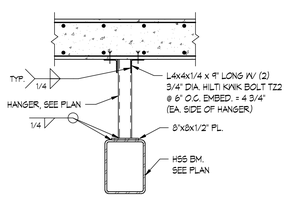
6 SECTION
3/4" = 1'-0"



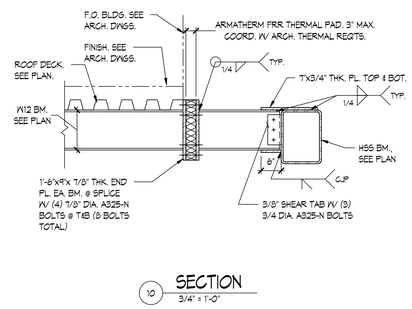
7 SECTION
3/4" = 1'-0"



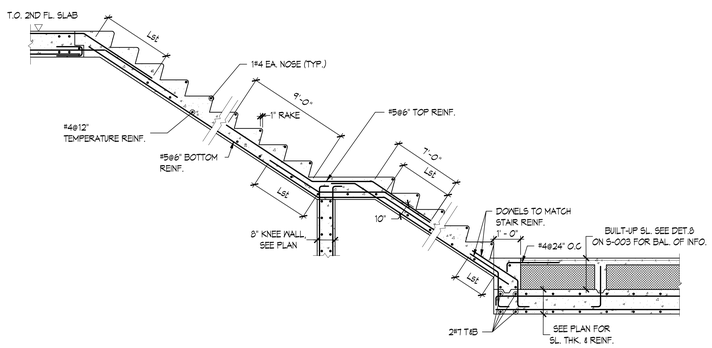
8 SECTION
3/4" = 1'-0"



9 SECTION
3/4" = 1'-0"



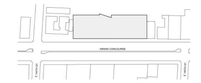
10 SECTION
3/4" = 1'-0"



11 SECTION
1/2" = 1'-0"

NOTE: SEE STAIR DETAIL 1 ON S-005 FOR BALANCE OF INFORMATION

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	09/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD
	03/21/2025	50% PROGRESS SET



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

SECTIONS

SCALE: As indicated PAGE: 21 OF

S-201.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:33:50 PM
\\fs7\home\elethan.wong\ACC-R24-C5011.00_ewongHSAN.rvt

COLUMN SCHEDULE (1 OF 4)

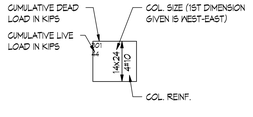
COLUMN / FLOOR	FLOOR HEIGHT	CONC. STRENGTH (PSI)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	COLUMN / FLOOR
EMR ROOF																																																	EMR ROOF
BULKHEAD	10'-4"					16 2																																										BULKHEAD
ROOF	10'-5"		18 3 24x12 6FT	16 3 12x24 6FT	13 3 24x12 6FT	55 6		16 4 14x24 6FT	15 3 24x12 6FT	16 3 24x12 6FT	21 4 24x12 6FT	16 3 24x12 6FT	21 4 12x24 6FT	28 4 12x24 6FT	21 4 24x12 6FT	21 3 24x12 6FT	21 4 24x12 6FT																																		ROOF
PENTHOUSE	11'-4"		XFER SLAB	XFER SLAB	XFER SLAB	147 24	15 1	121 22	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	78 13	73 13	104 23	98 21	65 16	62 13		61 13	87 19	96 21	79 17	78 16	101 18	50 4	145 30	142 34	144 34	134 32	118 28	126 30	97 23	106 29	149 35	150 37	146 34	111 28	161 32	152 35	98 18	123 28		PENTHOUSE
12TH	9'-8"					173 30	25 2	150 28										89 11	104 21	146 29	137 27	121 24	94 18		97 17	124 25	136 27	114 22	112 21	135 24	72 13	135 30	133 42	141 43	177 40	159 38	167 39	128 29	141 32	165 44	209 47	183 43	147 33	201 40	142 41	116 23	161 35		12TH
11TH	10'-8"					220 35	34 2	178 33										122 21	134 25	186 35	175 32	151 29	115 21		113 21	160 29	174 32	147 27	144 25	167 29	93 16	229 45	235 50	236 50	222 47	169 42	209 44	161 35	177 39	246 52	261 55	241 51	134 28	242 47	232 47	140 27	188 41		11TH
10TH	9'-8"					228 34	43 3	207 39										146 24	164 24	229 40	215 37	182 32	141 25		134 24	187 33	214 37	181 30	179 28	200 31	114 18	287 51	281 56	285 57	285 53	237 48	250 50	194 40	212 43	298 59	312 62	284 57	221 45	292 52	272 53	163 31	237 47		10TH
9TH	10'-8"					259 43 24x14 6FT	51 4	236 42										164 26	194 32	271 44	254 41	228 36	167 28		165 27	232 37	252 41	215 34	209 33	232 36	135 20	329 56	323 62	323 60	309 54	277 53	289 56	226 44	249 48	344 65	364 68	337 64	259 50	323 59	312 56	191 34	275 52		9TH
8TH	9'-8"					278 46	61 4 12x12 8MB	265 40 24x14 6FT										183 29 24x12 8MB	224 35 24x12 8MB	312 48 24x12 8MB	283 45 24x12 8MB	263 40 24x12 8MB	193 30 24x12 8MB		161 30 24x12 8MB	264 41 24x12 8MB	241 45 24x12 8MB	248 37 24x12 8MB	241 36 24x12 8MB	265 38 24x12 8MB	151 22 24x12 8MB	340 61 14x24 6FT	378 68 24x14 6FT	390 69 14x24 6FT	393 64 24x14 6FT	316 50 24x14 6FT	333 61 24x14 6FT	294 48 24x14 6FT	293 52 24x14 6FT	345 71 24x14 6FT	415 74 24x14 6FT	364 68 14x24 6FT	295 54 24x14 6FT	360 69 14x24 6FT	352 65 24x14 6FT	210 37 14x24 6FT	313 57 24x14 6FT		8TH
7TH	9'-8"	8,000				308 56	64 5	244 48										216 31	254 35	353 52	332 48	248 35	214 33		216 32	304 44	330 48	282 41	273 38	291 41	177 24	324 66	421 73	427 74	347 70	355 65	374 66	291 52	310 57	441 77	488 81	432 75	331 58	403 69	342 66	233 40	351 61		7TH
6TH	9'-8"					332 53	150 15	323 53										258 34	284 41	394 56	310 52	333 46	247 35		34 5	245 35	340 46	285 52	315 44	305 42	193 28	428 71	467 74	474 80	441 75	395 67	410 70	327 58	356 61	490 82	513 86	478 81	366 63	444 72	432 73	257 45	364 66		6TH
5TH	9'-8"					398 56	161 18	351 56										262 36	313 44	455 60	406 56	366 50	273 38		56 8	210 31	376 51	406 56	346 47	337 45	362 47	218 28	470 78	514 84	521 85	495 80	454 72	451 75	356 54	392 65	538 88	568 92	521 86	405 65	484 77	472 77	280 46	427 70		5TH
4TH	9'-8"					326 54	173 19	330 60										205 30	243 41	479 64	447 56	403 53	269 40		15 10 24x12 8MB	269 40	411 54	444 54	351 48	360 47	344 50	258 30	511 80	560 84	566 90	524 85	473 76	486 76	335 62	427 64	597 93	620 93	575 91	441 72	524 82	512 82	303 48	465 75		4TH
3RD	9'-8"					411 62	186 16	404 68										308 40	373 50	517 67	456 63	436 56	324 43		98 13	321 42	447 57	483 63	414 52	400 50	428 53	280 32	551 95	607 95	615 96	572 90	512 81	535 84	413 66	462 73	639 98	672 104	622 91	478 76	565 86	552 86	327 52	503 78		3RD
2ND	16'-0"					XFER SLAB	XFER SLAB	XFER SLAB										XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB		XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB		2ND
1ST	19'-0"																																														1ST
CELLAR	VARIES																																														CELLAR
FLOOR / COLUMN	FLOOR HEIGHT	CONC. STRENGTH (PSI)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	FLOOR / COLUMN

COLUMN SCHEDULE (2 OF 4)

COLUMN / FLOOR	FLOOR HEIGHT	CONC. STRENGTH (PSI)	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	COLUMN / FLOOR
EMR ROOF																																															EMR ROOF
BULKHEAD	10'-4"																																														BULKHEAD
ROOF	10'-5"																																														ROOF
PENTHOUSE	11'-4"		121 28	120 28	116 27	131 32	149 35	138 33	108 25	141 33	151 36	113 41	160 30	76 18	130 21	74 16	31 6	78 17	127 30	87 20	74 16	63 21	94 20	63 21	68 20	68 20	62 14	60 14	61 14	101 22	16 1	72 15		27 5	68 13	82 17	54 8	56 12 12x24 SMB										PENTHOUSE
12TH	9'-8"		160 38	160 38	154 35	152 41	193 44	183 41	144 33	186 42	201 45	226 51	212 45	98 14	164 34	96 21	51 9	93 23	169 33	116 21	115 21 24x12 8MB	156 21 24x12 8MB	151 26 24x12 8MB	154 21 24x12 8MB	152 27 24x12 8MB	153 29 24x12 8MB	146 29 24x12 8MB	145 25 24x12 8MB	146 25 24x12 8MB	160 23 24x12 8MB	25 2	116 20 24x12 8MB		50 7	102 16	134 23	67 9	58 16 12x24 SMB										12TH
11TH	10'-8"		200 42	200 43	193 41	227 46	247 52	229 46 24x14 6FT	180 30	234 46	251 53	285 54	265 55	118 23	193 40	120 28	70 10	124 21	210 44	145 31	172 30	225 37	214 36	222 39 24x12 8MB	209 31 24x12 8MB	209 31 24x12 8MB	200 30 24x12 8MB	148 30 24x12 8MB	141 30 24x12 8MB	219 33 24x12 8MB	38 2	191 24 36x12 8MT		71 9	134 21	162 27	113 13	117 21	34 5	33 5	21 6	18 3						11TH
10TH	9'-8"		239 49	240 48	232 47	272 54	296 59	273 55	215 44	281 56	300 59	341 67	317 63	155 26	231 45	143 24	90 12	148 31	252 50	174 36	209 35	266 44	256 42	272 40 24x14 6FT	261 39	262 39	254 35	243 34	250 34	212 33	44 3	220 27		93 10	177 24	233 31	155 15	137 24	79 13	79 13	93 10	58 4						10TH
9TH	10'-8"		219 53	220 54	210 52	317 60	345 65	314 60	252 49	321 62	350 66	391 74	364 68	154 29	265 48	166 32	104 14	174 35	244 56	204 40	240 40	307 49	298 48	326 46	326 45	330 45	321 44	314 43	316 44	342 46	93 4	283 35		114 11	214 27	281 34	164 16	151 28	123 16	122 16	91 14	70 7	24 1	26 3	26 3	26 3	26 3	9TH
8TH	9'-8"		317 58 24x14 6FT	314 58 24x14 6FT	304 57 24x14 6FT	362 66 24x14 6FT	364 71 24x14 6FT	364 66 24x14 6FT	287 53 24x14 6FT	374 66 24x14 6FT	388 72 24x14 6FT	453 81 24x14 6FT	421 76 24x14 6FT	174 32 24x14 6FT	298 54 14x20 6FT	184 35 24x14 6FT	124 15 12x24 6FT	198 35 24x14 6FT	335 61 24x14 6FT	233 44 14x24 6FT	274 45	346 58	334 53	367 52	364 51	370 50	361 48	352 48	355 48	367 50	361 53	63 5 24x12 8MB	226 40		136 13 12x24 SMB	252 33 24x12 8MB	332 38 24x12 8MB	236 20 24x12 8MB	177 30	184 16	166 16	132 16	58 10	80 11	74 12	74 12	74 12	8TH
7TH	9'-8"	8,000	356 63	354 63	347 61	407 71	443 77	409 71	323 50	420 73	446 78	509 87	474 82	183 34	333 55	212 38	147 17	224 41	377 66	262 46	307 44 14x24 6FT	384 60 14x24 8MB	376 50 14x24 8MB	408 56	410 56	411 56	400 54	381 53	385 54	420 56	72 5	318 44		156 14	284 33	380 41	275 23	191 33 14x24 8MB	212 22 24x12 8MB	211 22 24x12 8MB	166 14 24x12 8MB	120 12 24x12 8MB	85 14	117 16	117 16	116 16	7TH
6TH	9'-8"		345 61	344 60	335 59	452 78	481 82	454 77 14x24 6FT	356 62	466 78	480 80	565 94	526 88	213 37	368 62	254 41	166 19	244 44	418 71	281 51	341 53	430 65	416 63	444 61 14x24 8MB	450 61 14x24 8MB	451 61 14x24 8MB	440 58 14x24 8MB	430 56 14x24 8MB	434 58 14x24 8MB	460 63 14x24 8MB	152 19	350 48 14x24 8MT	145 20	177 18	326 35	420 44	313 25	217 38	255 25	254 25	200 21	145 13	126 16 12x24 8MB	160 18 24x12 8MB	158 14 24x12 8MB	150 16 24x12 8MB	6TH
5TH	9'-8"		434 72	433 73	424 70	498 81	540 88	498 82	395 66	512 84	547 90	622 100	573 94	232 39	400 66	267 44	185 16	274 47	460 78	320 55	375 51	471 84	456 81	483 86	481 86	481 85	478 84	468 83	473 83	488 87	164 17	382 52	167 24	167 16	362 50	478 67	352 21	291 38	286 29	287 28	283 23	184 18	165 14	203 22	202 22	201 22	5TH
4TH	9'-8"		473 78	473 77	462 79	541 96	594 94	544 91	430 70	564 94	597 98	679 101	630 100	252 42	434 70	280 41	203 21	298 90	501 90	348 55	409 61	512 74	485 72	522 70	531 70	532 70	516 69	509 67	512 69	539 72	177 13	415 56	182 28 12x22 8MB	210 17	394 40	524 80	341 24	257 41	342 30	340 30	287 29	193 18	187 21	245 25	245 24	243 24	4TH
3RD	9'-8"		512 81	511 82	500 79	586 92	638 98	590 92	466 74	605 94	646 100	734 113	682 106	271 44	467 74	303 46	222 22	324 93	542 85	378 61	442 68	553 76	535 76	560 74	571 78	572 78	558 73	547 72	552 72	577 78	194 14	447 60	209 31	234 16	435 42	570 85	430 31	277 43	305 32	303 32	301 29	217 18	231 24	288 27	287 21	285 21	3RD
2ND	16'-0"		XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	XFER SLAB	583 71	2ND
1ST	19'-0"																																													442 110 24x24 SMB	1ST
CELLAR	VARIES																																													1050 144	CELLAR
FLOOR / COLUMN	FLOOR HEIGHT	CONC. STRENGTH (PSI)	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	FLOOR / COLUMN

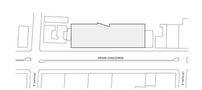
NOTES:

1. COLUMN SCHEDULE KEY:



2. * INDICATES TENSION SPLICE OR TENSION DEVELOPMENT LENGTH IS REQUIRED.

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X012129259-S3

DRAWING TITLE:

COLUMN SCHEDULES 1

SCALE: 1/8" = 1'-0" PAGE: 22 OF

S-301.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:33:56 PM
\\fs2\homes\ethan.wong\ACC-R24-C5011.00_wongP\NSAN.rvt

COLUMN SCHEDULE (3 OF 4)

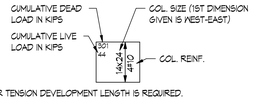
COLUMN / FLOOR	FLOOR HEIGHT	CONC. STRENGTH (PSI)	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	COLUMN / FLOOR
EMR ROOF																																																EMR ROOF
BULKHEAD	10'-4"																																															BULKHEAD
ROOF	10'-5"																																															ROOF
PENTHOUSE	11'-4"																																															PENTHOUSE
12TH	9'-8"																																															12TH
11TH	10'-8"																																															11TH
10TH	9'-8"																																															10TH
9TH	10'-8"		28 8	28 8	28 8	24 8	24 8	12 8																																								9TH
8TH	9'-8"	8,000	13 12	13 12	13 12	65 10	60 10	35 4																																								8TH
7TH	9'-8"		115 16	115 16	115 16	104 13	92 14	56 5																																								7TH
6TH	9'-8"		158 16 24X12 8#5	151 16 24X12 8#5	151 16 24X12 8#5	143 15 24X12 8#5	127 16 24X12 8#5	71 7 12X24 8#5																																								6TH
5TH	9'-8"		200 21	198 21	198 21	181 17	161 16	63 6																																								5TH
4TH	9'-8"		242 24	241 24	241 24	220 20	195 24	120 8																																								4TH
3RD	9'-8"		284 27	283 28	283 28	258 22	229 23	141 10																																								3RD
2ND	16'-0"		843 76	836 76	471 38	506 42	XFER SLAB	384 30	33 7	43 12	61 11	55 9	70 13	50 9	56 10 12 24X16 8#7	50 13 24X16 8#7	10 12 24X14 8#7	10 12 24X14 8#7	43 8 24X14 8#7	66 11 24X14 8#7	50 7 24X14 8#7	56 9 24X16 8#7	40 7 24X14 8#7	36 5	551 64	109 41	1024 125	824 128	1022 130	415 103	1040 132	1232 166	1006 128	130 25	803 102	651 128	1604 241	1455 214	1250 193	1147 IE 32X24	1556 310 24X36	2460 342	1733 240	750 107	1212 180	533 66	822 111	2ND
1ST	16'-0"		493 15 24X24 8#5	498 15 24X24 8#5	561 17 24X24 8#5	549 16 24X24 8#5		471 41 24X36 12#5	121 29 18X30 10#7	142 42 18X13 8#7	98 31 18X13 8#7	201 64 24X16 8#7	215 68 24X16 8#7	163 50 24X16 8#7											612 96 24X36 13#11 (BOX4S)	178 110 24X36	842 142 24X36 13#11 (BOX4S)	1217 217 24X36 13#11 (BOX4S)	1200 221 24X36 13#11 (BOX4S)	1434 254 24X36 13#11 (BOX4S)	1321 251 24X36 13#11 (BOX4S)	1516 313 28X34 14#9	1745 365 28X34 14#9	1573 267 24X36 13#11 (BOX4S)	214 51 30X16 10#7	1001 191 24X36 13#11 (BOX4S)	1114 198 24X36 13#11 (BOX4S)	1617 297 39X24 13#11 (BOX4S)	1717 320 39X24 13#11 (BOX4S)	1250 230 32X24 13#11 (BOX4S)	2016 378 24X36 13#11 (BOX4S)	2301 414 24X36 13#11 (BOX4S)	2015 365 24X36 13#11 (BOX4S)	550 112 24X36 13#11 (BOX4S)	1441 272 24X36 13#11 (BOX4S)	651 118 24X36 13#11 (BOX4S)	493 176 24X36 13#11 (BOX4S)	1ST
CELLAR	VARIES		1070 145	1064 151	655 92	648 93		565 11	160 42	201 123	284 90	301 42	246 95	213 42										255 51	666 101	542 142	1217 217	1200 221	1434 254	1321 251	1516 313	1745 365	1573 267	214 51	1001 191	1114 198	1617 297	1717 320	1250 230	2016 378	2301 414	2015 365	550 112	1441 272	651 118	493 176	CELLAR
FLOOR / COLUMN	FLOOR HEIGHT	CONC. STRENGTH (PSI)	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	FLOOR / COLUMN

COLUMN SCHEDULE (4 OF 4)

COLUMN / FLOOR	FLOOR HEIGHT	CONC. STRENGTH (PSI)	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	COLUMN / FLOOR
EMR ROOF																																							EMR ROOF
BULKHEAD	10'-4"																																						BULKHEAD
ROOF	10'-5"																																						ROOF
PENTHOUSE	11'-4"																																			34 4	35 4	PENTHOUSE
12TH	9'-8"																																			50 9	56 9	12TH
11TH	10'-8"																																			82 12	98 11	11TH
10TH	9'-8"																																			105 18 20X12 8#5	103 14 20X12 8#5	10TH
9TH	10'-8"																																			124 16	128 17	9TH
8TH	9'-8"	8,000																																		153 20	148 20	8TH
7TH	9'-8"																																			176 23	171 22	7TH
6TH	9'-8"																																		194 XFER SLAB	194 XFER SLAB	6TH
5TH	9'-8"																																		193 23		5TH
4TH	9'-8"																																		177 26 12X20 8#5		4TH
3RD	9'-8"																																		156 24		3RD
2ND	16'-0"		124 16	874 86	1336 138	564 46	404 24	115 66	874 61	740 76	744 77	544 53																				40 21 12X16 (HANGER) 4#7*	36 16 12X16 (HANGER) 4#7*		XFER SLAB		2ND
1ST	16'-0"		800 124 24X36 13#11 (BOX4S)	783 104 24X36 12#9	1450 178 24X36 12#9	675 77 24X24 8#9	475 45 24X24 8#9	306 61 24X24 8#9	154 11 24X24 8#9	371 48 24X24 8#9	822 89 24X24 8#9	824 84 24X24 8#9	88 21 18X30 10#7	114 25 30X16 10#7	124 28 30X16 10#7	174 34 30X16 10#7	115 34 30X16 10#7	255 43 30X16 10#7	253 50 30X16 10#7	166 37 18X30 10#7	70 9 30X16 10#7	176 36 30X16 10#7	112 36 30X16 10#7	150 32 30X16 10#7	110 35 30X16 10#7	141 28 30X16 10#7						101 14 30X16 10#7			30 12 30X16 10#7				1ST
CELLAR	VARIES		813 163	1056 135	1628 210	755 91	542 58	405 115	541 48	458 113	405 110	711 91	145 41	176 45	204 54	284 70	288 78	382 85	348 48	288 69	112 17	285 71	283 76	251 70	271 78	223 54	55 14 12X24 6#7	14 4 12X24 6#7	64 17 16X24 4#9	63 17 16X24 4#9	68 21 16X24 4#9	166 33 30X16 10#7	174 21 30X16 10#7					CELLAR
FLOOR / COLUMN	FLOOR HEIGHT	CONC. STRENGTH (PSI)	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	FLOOR / COLUMN

NOTES:

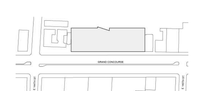
1. COLUMN SCHEDULE KEY:



2. * INDICATES TENSION SPLICE OR TENSION DEVELOPMENT LENGTH IS REQUIRED.

3. (HANGER) DENOTES CONCRETE HANGER. SEE DETAIL 13 ON DRAWING S-004.

NO.	DATE	ISSUANCES / REVISIONS
5	11/07/2025	CONSTRUCTION DOCUMENTS
4	08/22/2025	DOB FILING
3	08/15/2025	50% CD ISSUANCE
2	05/02/2025	100% DD



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 20TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

COLUMN SCHEDULES 2

SCALE: 1/8" = 1'-0" PAGE: 23 OF

S-302.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

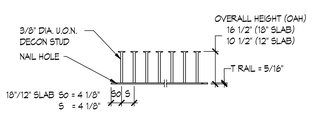
11/4/2025 4:34:01 PM
\\file2\home\nathan.wong\ACC-R24-C5011.00_wongPHSAN.rvt

CONCRETE BEAM SCHEDULE

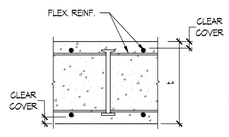
BEAM NO.	SIZE (WIDTH x DEPTH)	REINFORCEMENT CL SUPPORTS	STIRRUPS TYPE	STIRRUPS SPACING FROM EACH END	REMARKS/ NOTES
TRB-01	14x30	3#6 2#6 2#7	2 LEGS	#4@8" O.C.	2#6 SKIN REINF. AT EA. F.A. BOT. REINF. IN (2) LAYERS
TRB-02	14x30	CANT. 3#6 3#6	2 LEGS	#4@6" O.C. @ CANT. #4@8" O.C. BAL.	2#6 SKIN REINF. AT EA. F.A.
1CB-01	54x66	7#10 7#10	4 LEGS	#6@10" O.C.	CAP BM. @ SECANT WALL 4#10 SKIN REINF. EA. F.A. T&B. REINF. IN (2) LAYERS
1TB-01	36x36	7#11 7#11 7#8	3 LEGS	#4 @ 8" O.C.	TOP REINF. IN (2) LAYERS
1B-01	10x36	4#8 4#8 4#8	2 LEGS	#4@10" O.C.	BOT. REINF. IN (2) LAYERS
1B-02	14x36	2#8 CANT. 2#7	2 LEGS	#4@10" O.C.	
1B-03	14x44	2#7 2#8	2 LEGS	#4@10" O.C.	#4@10" SKIN REINF. E.F.
1B-04	14x64	2#9 CANT. 2#7	2 LEGS	#4@10" O.C.	#4@10" SKIN REINF. E.F.
1B-05	14x64	3#7 3#8 3#8	2 LEGS	#4@10" O.C.	BOT. REINF. IN (2) LAYERS. #4@10" SKIN REINF. E.F.
2B-01	16x40	3#10 3#10 3#10 3#11 3#11 3#11	2 LEGS	#4 @ 12" O.C.	TOP & BOT. REINF. IN (3) LAYERS. #4@10" SKIN REINF. E.F.
3B-01A	16x24	3#11 3#11 3#11 3#11	2 LEGS	#4 @ 8" O.C.	TOP & BOT. REINF. IN (2) LAYERS
3B-01B	16x24	FROM ADJ. BM. 3#11 3#11 3#11 3#11	2 LEGS	#4 @ 8" O.C.	TOP & BOT. REINF. IN (2) LAYERS
3B-02	16x24	3#10 CANT. 3#9	2 LEGS	#5 @ 6" O.C.	
3B-03	16x24	3#10 3#10 3#11 3#11	2 LEGS	#4 @ 8" O.C.	TOP & BOT. REINF. IN (2) LAYERS
EMRB-01	12x67	2#7 2#9	2 LEGS	#3 @ 12" O.C.	#4@10" SKIN REINF. E.F.

BEAM SCHEDULE NOTES:

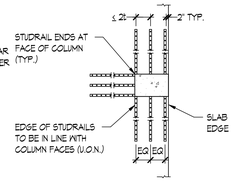
1. BM. NO. _ _ _ _ _ BM. SIZE
   LHS BALANCE RHS
2. BM. NO. _ _ _ _ _ BM. SIZE BM. NO. _ _ _ _ _ BM. SIZE
   DISCONT. BALANCE CONT. BALANCE DISCONT.
3. BM. NO. _ _ _ _ _ BM. SIZE
   DISCONT. BALANCE CANT.
4. EACH END INDICATES SAME REINFORCEMENT TO BE PLACED AT LEFT HAND SIDE (LHS) & RIGHT HAND SIDE (RHS).
   LHS COINCIDES WITH PROJECT "NORTH" AND PROJECT "WEST"
5. WHERE ONLY ONE SIDE OF STIRRUP REINFORCEMENT IS SPECIFIED, BALANCE REINFORCEMENT SHALL BE CONTINUED TO OTHER END.
6. SEE GENERAL NOTES ON DRAWING S-001 FOR CONCRETE STRENGTH.
7. DENOTES CONTINUOUS REINFORCEMENT FROM ADJACENT BEAM.



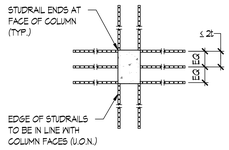
TYPICAL STUDRAIL LEG



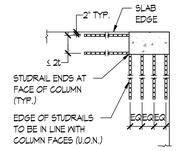
POSITION IN SLAB



EDGE COLUMN (E)



INTERIOR COLUMN (I)



CORNER COLUMN (C)

TYPICAL STUDRAIL SCHEDULE

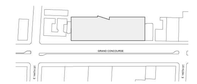
SR NO.	LOCATION	NS	EW	NOTES
		LEGS x NO. OF STUDS PER LEG		
2 SR 1	1	6x9	4x9	STUDRAIL HEIGHT VARIES 4" X 12" SLAB

NOTES:

NS DENOTES LEGS PERPENDICULAR TO NORTH SOUTH SIDE OF COLUMN.

EW DENOTES LEGS PERPENDICULAR TO EAST WEST SIDE OF COLUMN.

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

SCHEDULES

SCALE: As indicated PAGE: 24 OF

S-303.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

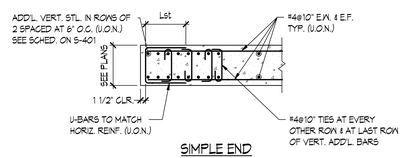
11/4/2025 4:34:04 PM
\\files\home\ekathan.wong\ACC-R24-C5011.00_ewongRHSAN.rvt

SHEAR WALL SCHEDULE

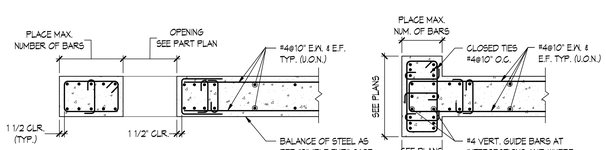
FLOOR \ GROUP	ADDITIONAL VERTICAL REINFORCEMENT GROUPS																																				
	GROUP 1A	GROUP 1B	GROUP 1C	GROUP 1D	GROUP 1E	GROUP 1F	GROUP 1G	GROUP 2A	GROUP 2B	GROUP 2C	GROUP 2D	GROUP 3A	GROUP 4A	GROUP 4B	GROUP 4C	GROUP 4D	GROUP 4E	GROUP 4F	GROUP 5A	GROUP 6A	GROUP 7A	GROUP 8A	GROUP 8B	GROUP 8C	GROUP 8D	GROUP 9A	GROUP 9B	GROUP 9C	GROUP 9D	GROUP 6B	GROUP 8E	GROUP 8F	GROUP 8G	GROUP 4E	GROUP 4F	GROUP 9G
BULKHEAD	-	#6	#6	#6	#6	#6	#6	#6	#6	#6	#6	-	#6	#6	#6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROOF	-	#6	#6	#6	#6	#6	#6	#6	#6	#6	#6	-	#6	#6	#6	#6	-	#6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENTHOUSE	-	#6	#6	#6	#6	#6	#6	#6	#6	#6	#6	#6	#6	#6	#6	10#6	-	#6	#6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12TH	-	10#6	#6	#6	#6	#6	10#6	#6	#6	#6	#6	#6	10#6	#6	10#6	10#6	-	#6	#6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11TH	-	10#6	#6	#6	#6	#6	10#6	#6	#6	#6	#6	#6	10#6	#6	10#6	10#6	-	#6	#6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10TH	-	10#6	6#6	6#6	6#6	12#6	10#6	6#6	12#6	12#6	6#6	6#6	10#6	#6	10#6	10#6	-	#6	6#6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9TH	-	10#6	6#6	6#6	6#6	12#6	10#6	6#6	12#6	12#6	6#6	6#6	10#6	#6	10#6	10#6	-	#6	6#6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8TH	-	24#8	6#8	6#8	10#8	16#8	24#8	6#8	12#8	12#8	6#8	12#8	14#8	4#8	14#8	14#8	-	#8	8#8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7TH	-	24#8	6#8	6#8	10#8	16#8	24#8	6#8	12#8	12#8	6#8	12#8	14#8	4#8	14#8	14#8	-	#8	8#8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6TH	-	24#8	6#8	6#8	10#8	16#8	24#8	6#8	12#8	12#8	6#8	12#8	14#8	4#8	14#8	14#8	-	#8	8#8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5TH	-	26#10	8#10	6#10	12#10	18#10	24#10	6#10	14#10	14#10	8#10	20#9	20#8	4#8	20#8	22#8	-	#8	10#8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4TH	-	26#10	8#10	6#10	12#10	18#10	24#10	6#10	14#10	14#10	8#10	20#9	20#8	4#8	20#8	22#8	-	#8	10#8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3RD	-	26#10	8#10	6#10	12#10	18#10	24#10	6#10	14#10	14#10	8#10	20#9	28#9	4#9	26#9	28#9	-	#9	10#9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2ND	18#10	26#10	8#10	28#10	20#10	6#10	24#10	6#10	14#10	14#10	8#10	30#11	28#9	26#9	26#9	28#9	22#9	4#9	14#11	10#11	30#11	8#11	8#11	34#11	26#11	4#11	8#11	42#11	38#11	10#11	-	-	-	4#11	4#11	4#11
1ST	18#10	26#10	8#10	28#10	20#10	26#10	24#10	6#10	14#10	14#10	8#10	30#11	30#11	34#11	34#11	30#11	22#9	4#11	14#11	10#11	30#11	8#11	34#11	34#11	26#11	4#11	8#11	42#11	38#11	10#11	26#11	8#11	8#11	4#11	4#11	4#11
CELLAR	18#10	26#10	8#10	28#10	20#10	26#10	24#10	6#10	14#10	14#10	8#10	30#11	30#11	34#11	34#11	30#11	-	4#11	14#11	10#11	30#11	8#11	34#11	34#11	26#11	4#11	8#11	42#11	38#11	10#11	26#11	8#11	8#11	4#11	4#11	4#11

NOTES:

1. ALL BARS USED IN SHEAR WALLS MUST BE TENSION SPLICED. SEE SCHEDULE ON S-002.
2. STANDARD MATS TO BE PLACED AT EACH FACE OF WALLS.
3. ADDITIONAL VERTICAL GROUP REINFORCEMENT IN WALLS SHALL BE TIED WITH TIE HOOKS (SEE DETAIL 1 ON S-401)
4. THE CONTRACTOR SHALL NOT TROWEL CONSTRUCTION JOINTS BETWEEN SLABS AND SHEAR WALLS.
5. OPENINGS AND PENETRATIONS ARE SHOWN SCHEMATICALLY TO PROVIDE GOVERNING CRITERIA WHERE REQUIRED FOR STRUCTURAL REASONS ONLY. REFER TO MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS FOR BALANCE OF INFO.
6. SEE DETAIL 1 ON S-401 FOR TYPICAL DETAIL AT SHEAR WALL EXTREMITIES.
7. SEE PLANS FOR LOCATION OF SHEAR WALLS.
8. INDICATES JAMB BARS TO BE SPACED AT 4" O.C.



SIMPLE END



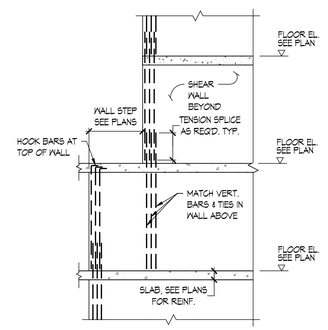
INTERRUPTED END HAMMERHEAD END

1 TYPICAL DETAIL AT SHEAR WALL EXTREMITIES

3/4" = 1'-0"

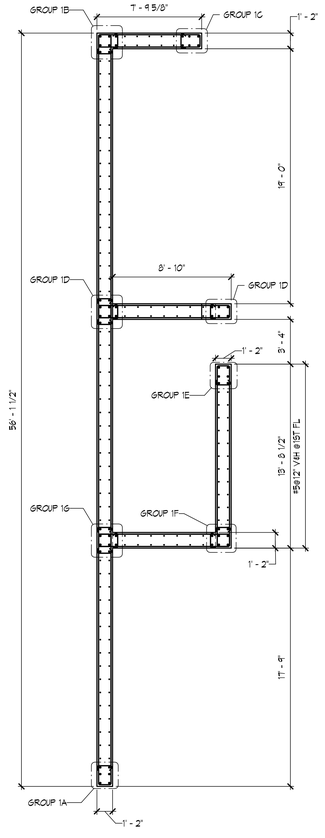
NOTE:

1. SEE SHEAR WALL PLANS FOR BALANCE OF INFORMATION.



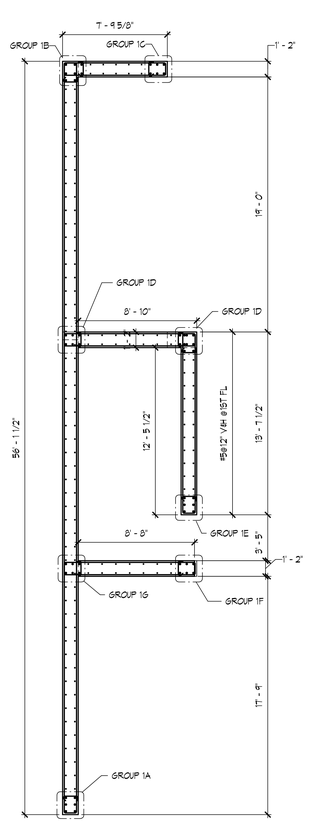
2 ELEVATION OF STEPPED SHEAR WALL

1/4" = 1'-0"



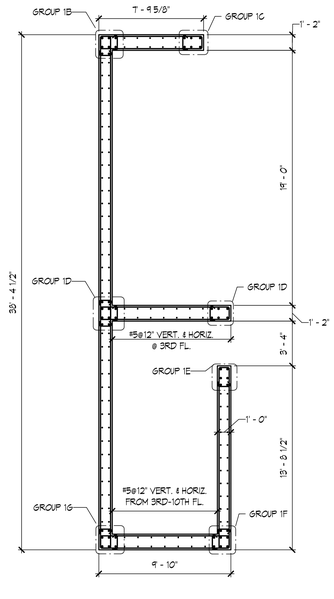
3 SW-01 @ CELLAR THRU 1ST FLOOR

1/4" = 1'-0"



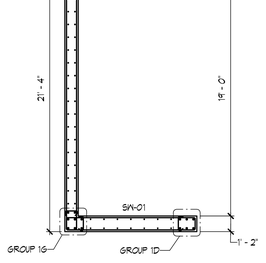
4 SW-01 @2ND FLOOR

1/4" = 1'-0"



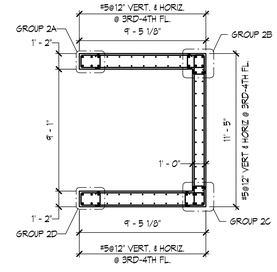
5 SW-01 @ 3RD FLOOR THRU ROOF

1/4" = 1'-0"



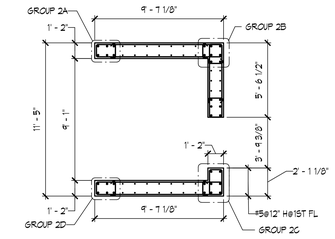
6 SW-01 @ BULKHEAD

1/4" = 1'-0"



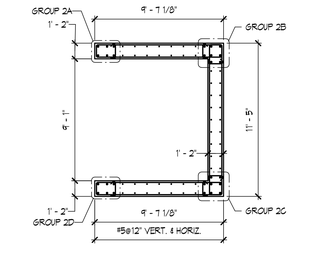
9 SW-02 @ 3RF FLOOR THRU ROOF

1/4" = 1'-0"



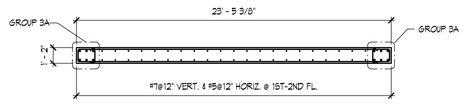
7 SW-02 @ CELLAR THRU 1ST FLOOR

1/4" = 1'-0"



8 SW-02 @ 2ND FLOOR

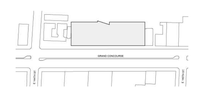
1/4" = 1'-0"



10 SW-03 @ CELLAR THRU PENTHOUSE

1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

SHEAR WALL DETAILS AND PART PLANS 1

SCALE: As indicated PAGE: 24 OF

S-401.00

DOB SCAN STICKER

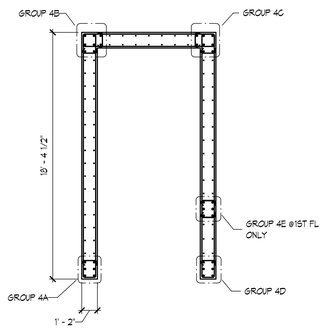
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

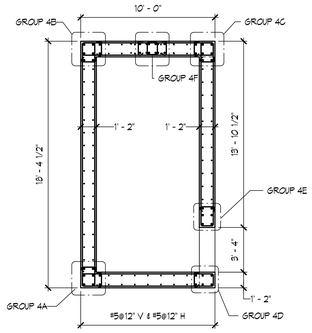
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/6/2025 4:34:08 PM
\\file2\homes$\ethan.wong\ACC-R24-C5011.00_ewongPHSAN.rvt



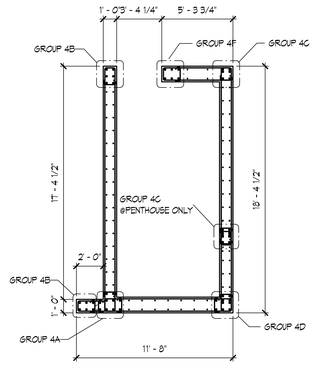
SW-04 @ CELLAR THRU 1ST FLOOR

1 1/4" = 1'-0"



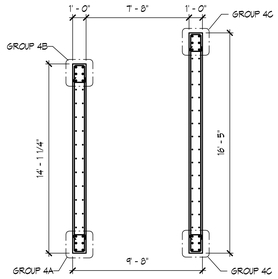
SW-04 @ 2ND FLOOR

2 1/4" = 1'-0"



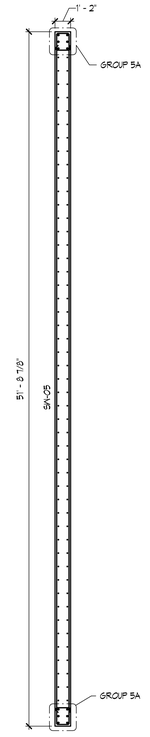
SW-04 @ 3RD FLOOR THRU PENTHOUSE

3 1/4" = 1'-0"



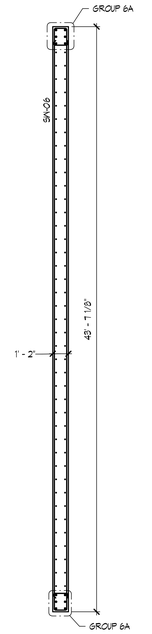
SW-04 @ ROOF

4 1/4" = 1'-0"



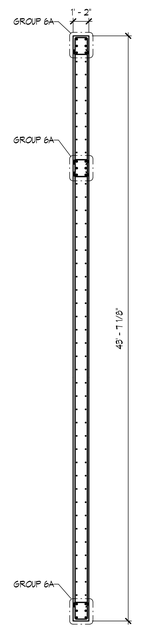
SW-05 @ CELLAR THRU PENTHOUSE

5 1/4" = 1'-0"



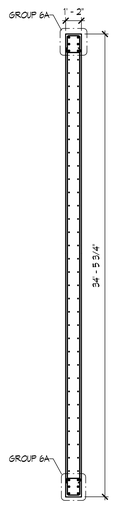
SW-06 @ CELLAR

6 1/4" = 1'-0"



SW-06 @ 1ST FLOOR

7 1/4" = 1'-0"

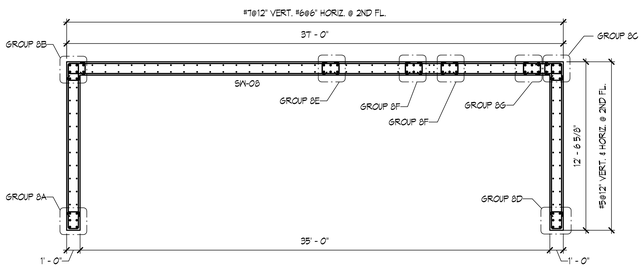


SW-06@2ND FLOOR

8 1/4" = 1'-0"

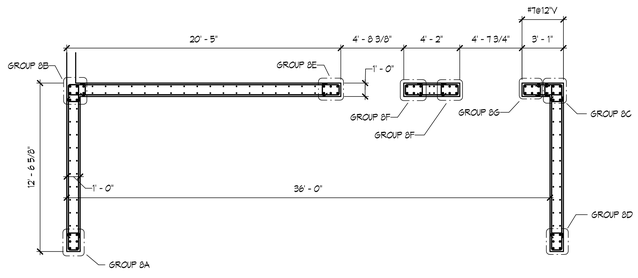
SW-07 @CELLAR THRU 2ND FLOOR

9 1/4" = 1'-0"



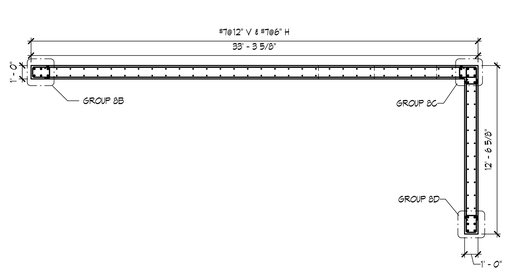
SW-08 @ CELLAR

10 1/4" = 1'-0"



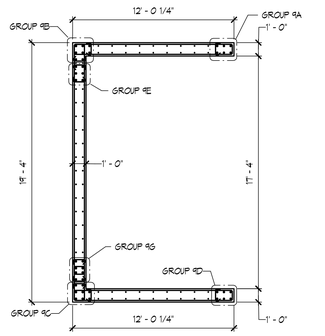
SW-08 @ 1ST FLOOR

11 1/4" = 1'-0"



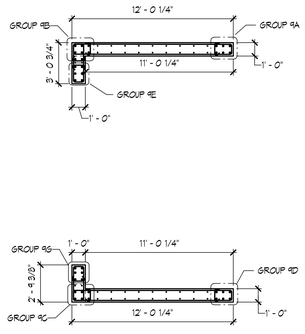
SW-08 @ 2ND FLOOR

12 1/4" = 1'-0"



SW-09 @ CELLAR THRU 1ST FLOOR

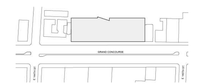
15 1/4" = 1'-0"



SW-09 @ 2ND FLOOR

14 1/4" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

SHEAR WALL PART PLANS 2

SCALE: 1/4" = 1'-0" PAGE: 24 OF

S-402.00

DOB SCAN STICKER

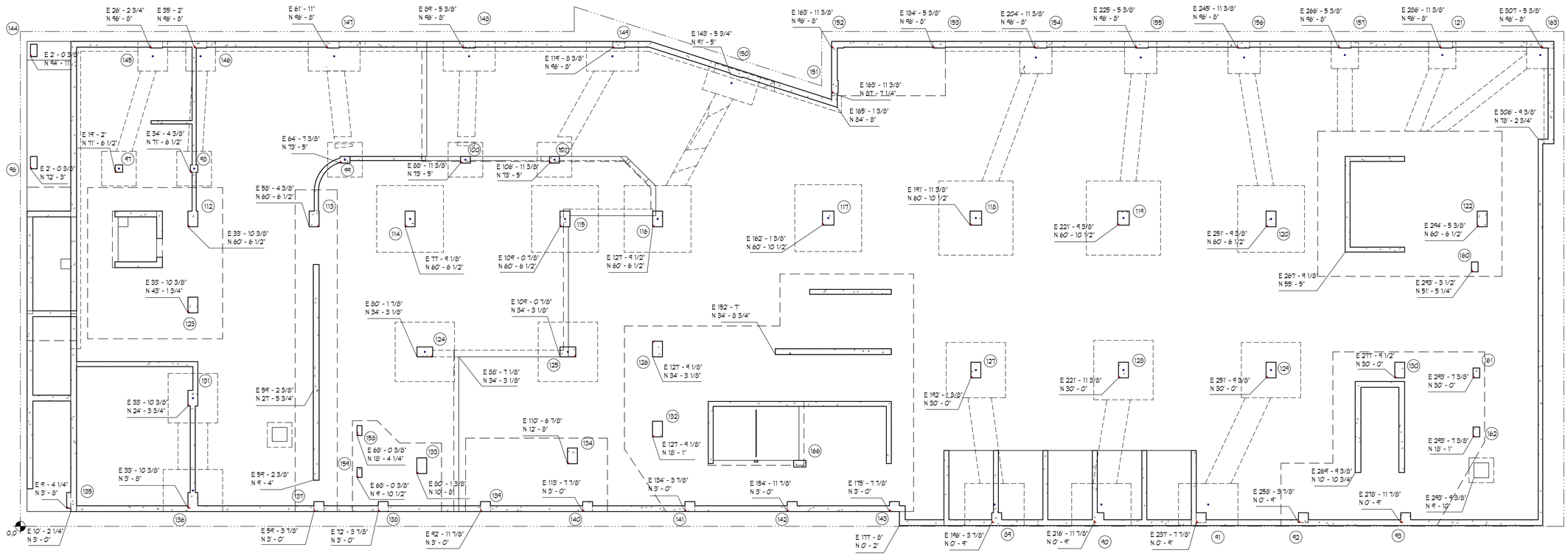
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/6/2025 4:34:14 PM
\\file7\home\nathan.wong\ACC-R24-C5011.00_ewongFHSAN.rvt



FOUNDATION DIMENSIONAL PLAN

1/8" = 1'-0"

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

FOUNDATION DIMENSIONAL PLAN

SCALE: 1/8" = 1'-0" PAGE: 24 OF

S-600.00

DOB SCAN STICKER

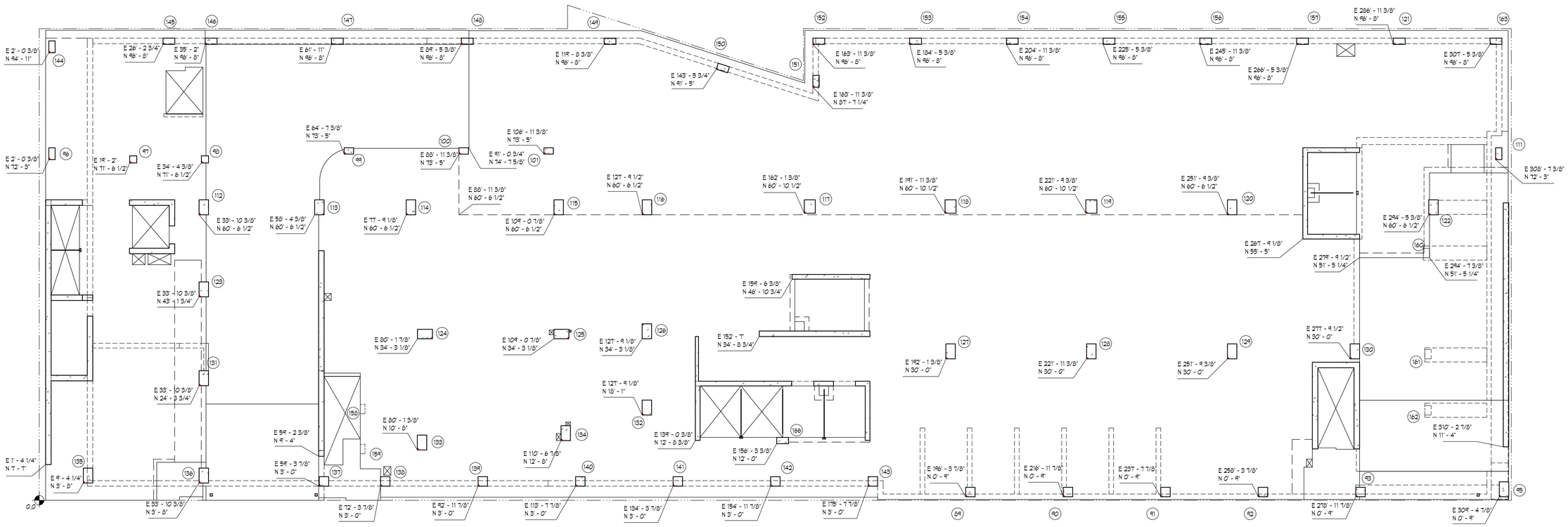
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

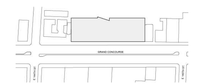
11/4/2025 4:34:17 PM
\\files\home\ekathan.wong\ACC-R24-C5011.00_ewongHSAN.rvt



1ST FLOOR DIMENSIONAL PLAN

1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
5	11/07/2025	CONSTRUCTION DOCUMENTS
4	08/22/2025	DOB FILING
3	08/15/2025	50% CD ISSUANCE
2	06/02/2025	100% DD
1	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

1ST FLOOR DIMENSIONAL PLAN

SCALE: 1/8" = 1'-0" PAGE: 24 OF

S-601.00

DOB SCAN STICKER

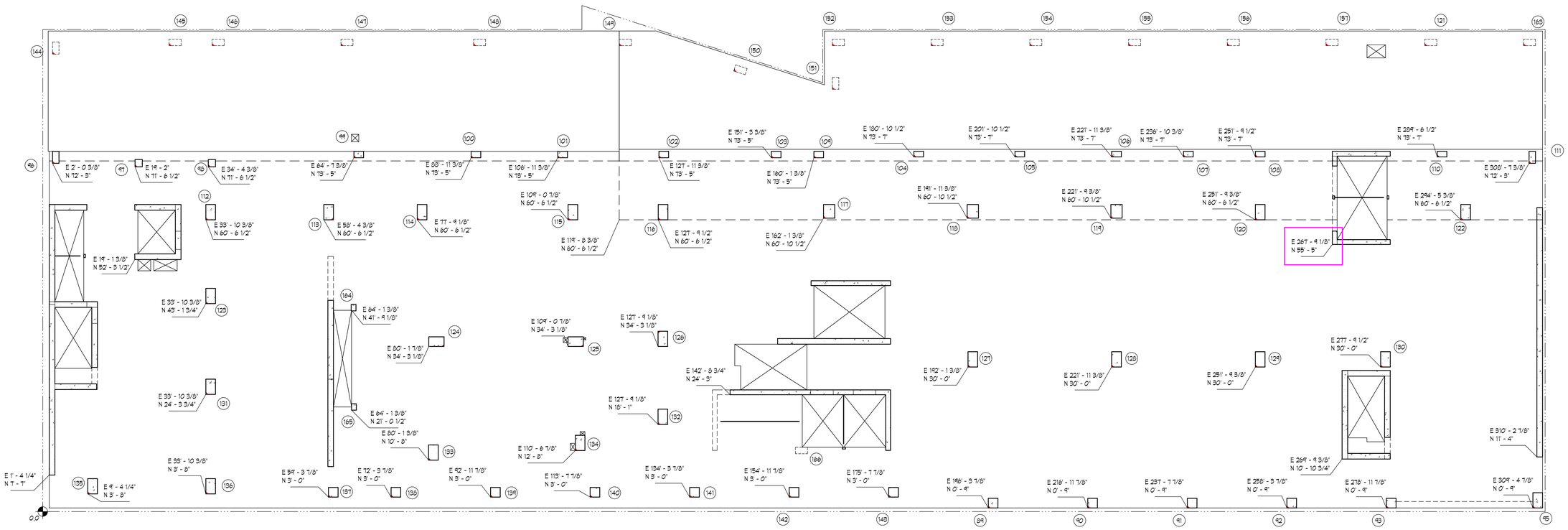
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/6/2025 4:34:21 PM
\\file2\home\ethan.wong\ACC-R24-C5011.00_wongPHSAN.rvt



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

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

2ND FLOOR DIMENSIONAL PLAN

SCALE: 1/8" = 1'-0" PAGE: 24 OF

S-602.00

DOB SCAN STICKER

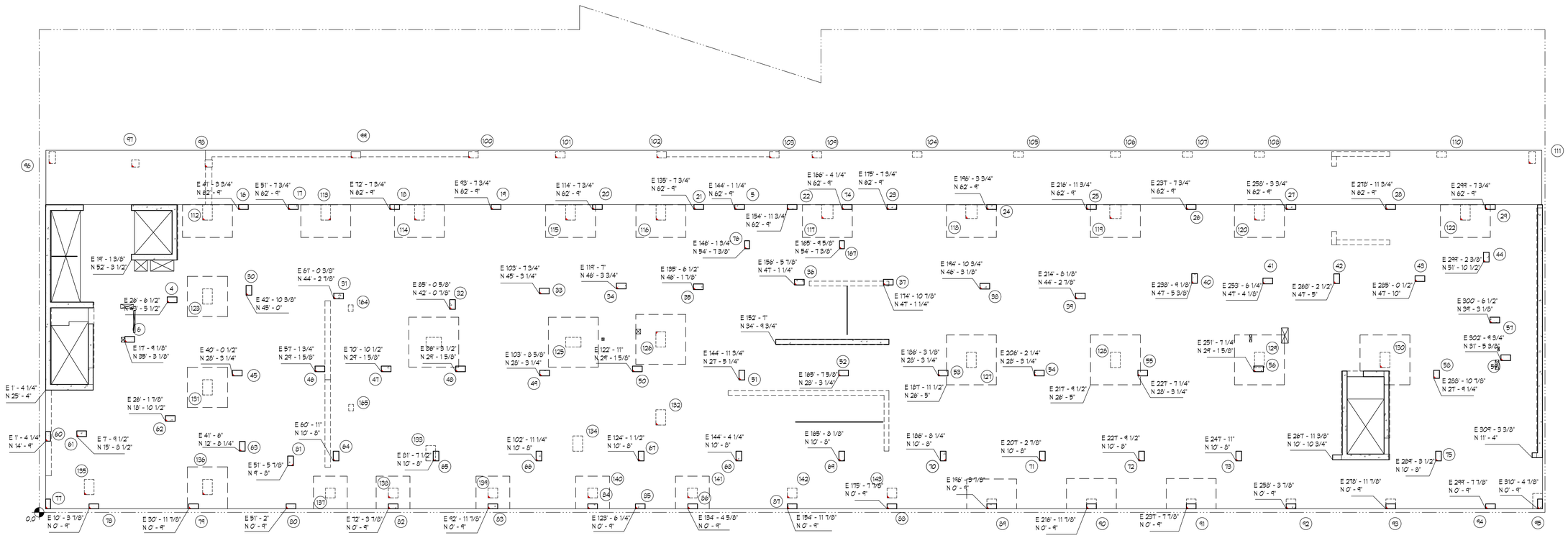
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/6/2025 4:34:24 PM
\\file2\home\nathan.wong\ACC-R24-C5011.00_wongP\S9AN.rvt



3RD FLOO DIMENSIONAL PLAN

1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

3RD FLOOR DIMENSIONAL PLAN

SCALE: 1/8" = 1'-0" PAGE: 24 OF

S-603.00

DOB SCAN STICKER

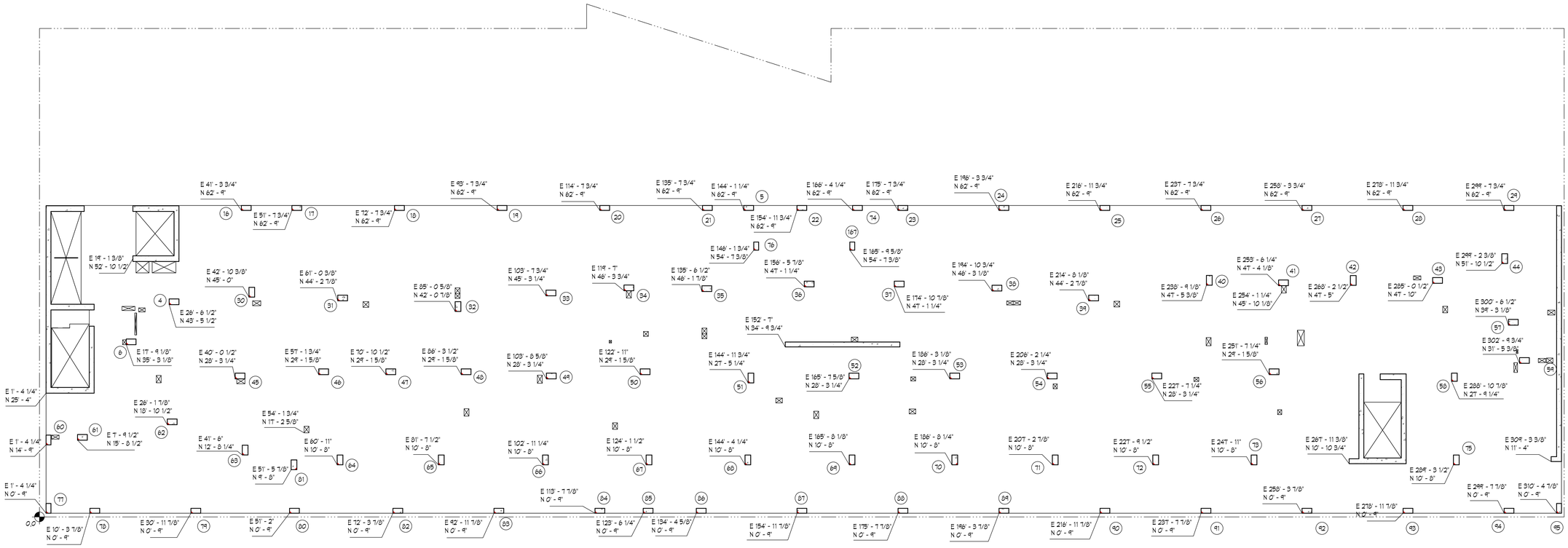
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

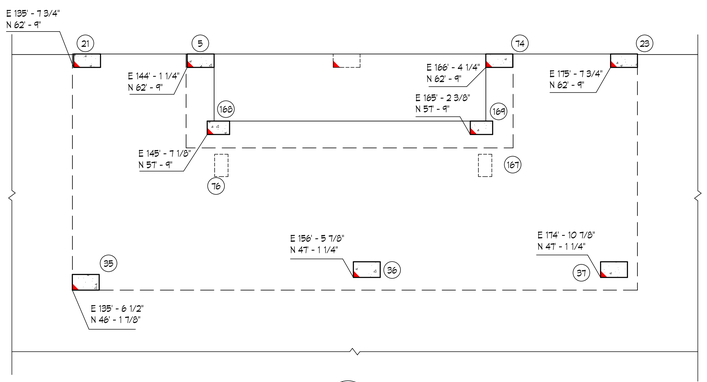
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/6/2025 4:34:29 PM
\\file2\home\nathan.wong\ACC-R24-C5011.00_wongP\HSAN.rvt



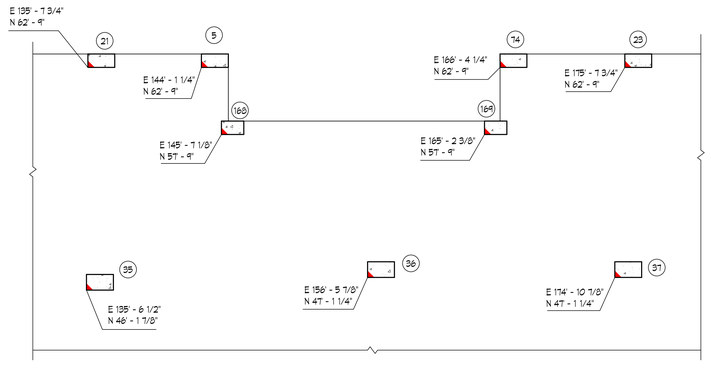
4TH - 9TH FLOOR DIMENSIONAL PLAN

1/8" = 1'-0"



7TH FLOOR DIMENSIONAL PART PLAN

1/4" = 1'-0"



8TH-9TH FLOOR FDIMENSIONAL PART PLAN

1/4" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260.1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

4TH - 9TH FLOOR DIMENSIONAL PLAN

SCALE: As indicated PAGE: 24 OF

S-604.00

DOB SCAN STICKER

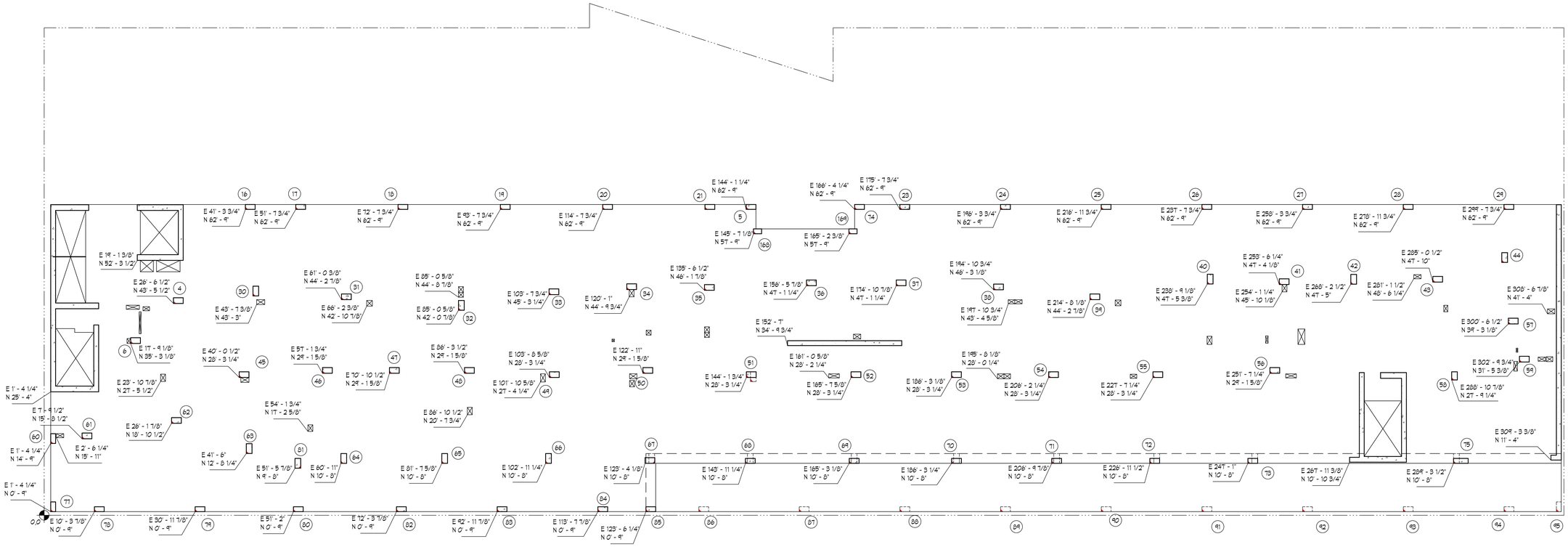
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

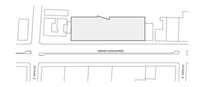
11/4/2025 4:34:32 PM
//fs2/homes/ethan.wong/ACC-R24-C5011.00_ewongRSAN.rvt



10TH FLOOR DIMENSIONAL PLAN

1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

10TH FLOOR DIMENSIONAL PLAN

SCALE: 1/8" = 1'-0" PAGE: 24 OF

S-605.00

DOB SCAN STICKER

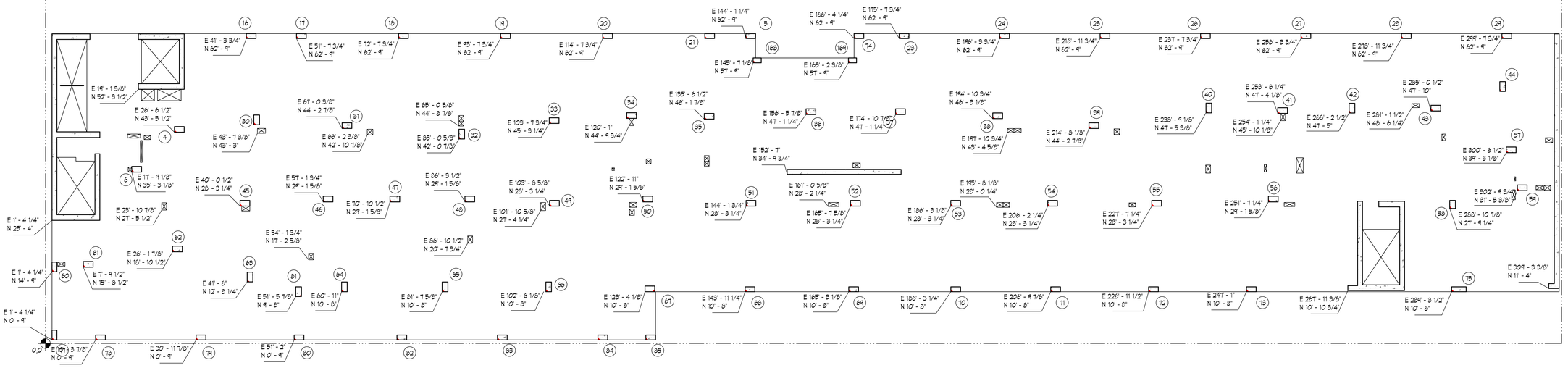
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:34:36 PM
\\files\home\ekathan.wong\ACC-R24-C5011.00_ewongRHSAN.rvt



11TH FLOOR DIMENSIONALPLAN

1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD

KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 38TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

11TH FLOOR DIMENSIONAL PLAN

SCALE: 1/8" = 1'-0" PAGE: 24 OF

S-606.00

DOB SCAN STICKER

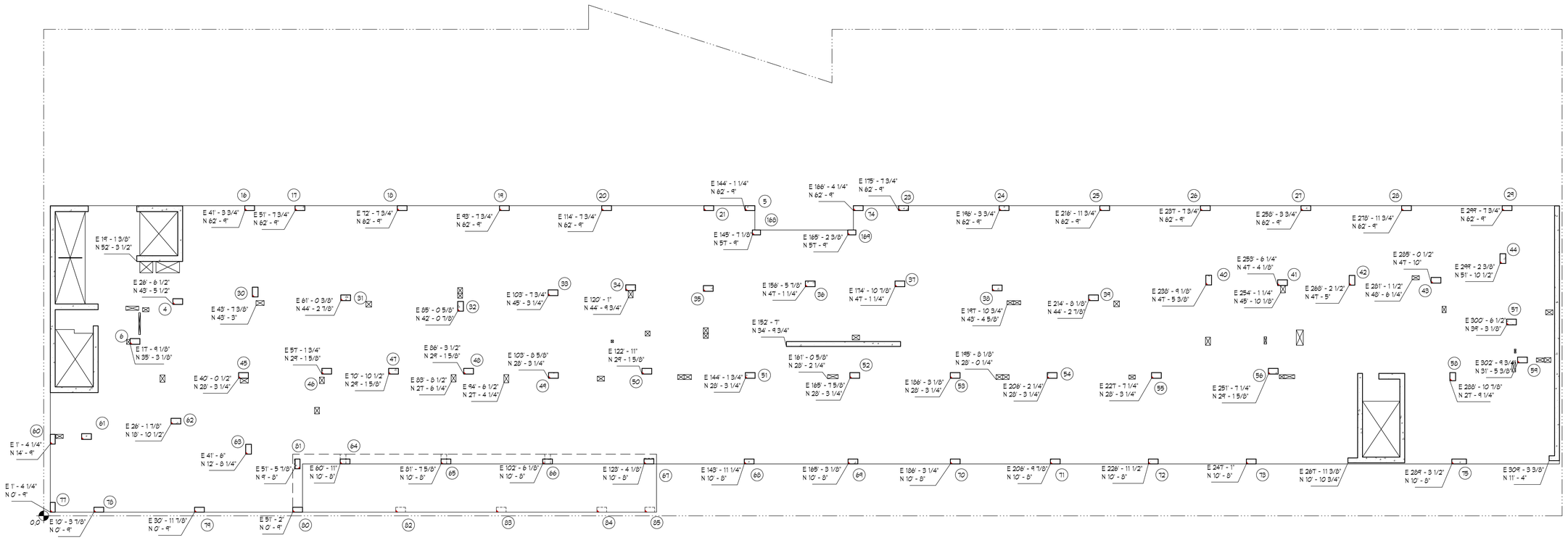
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

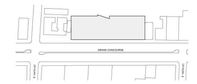
11/6/2025 4:34:40 PM
\\file2\Home\eathan.wong\ACC-R24-C5011.00_ewongPHSAN.rvt



12TH FLOOR DIMENSIONAL PLAN

1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

12TH FLOOR DIMENSIONAL PLAN

SCALE: 1/8" = 1'-0" PAGE:24 OF

S-607.00

DOB SCAN STICKER

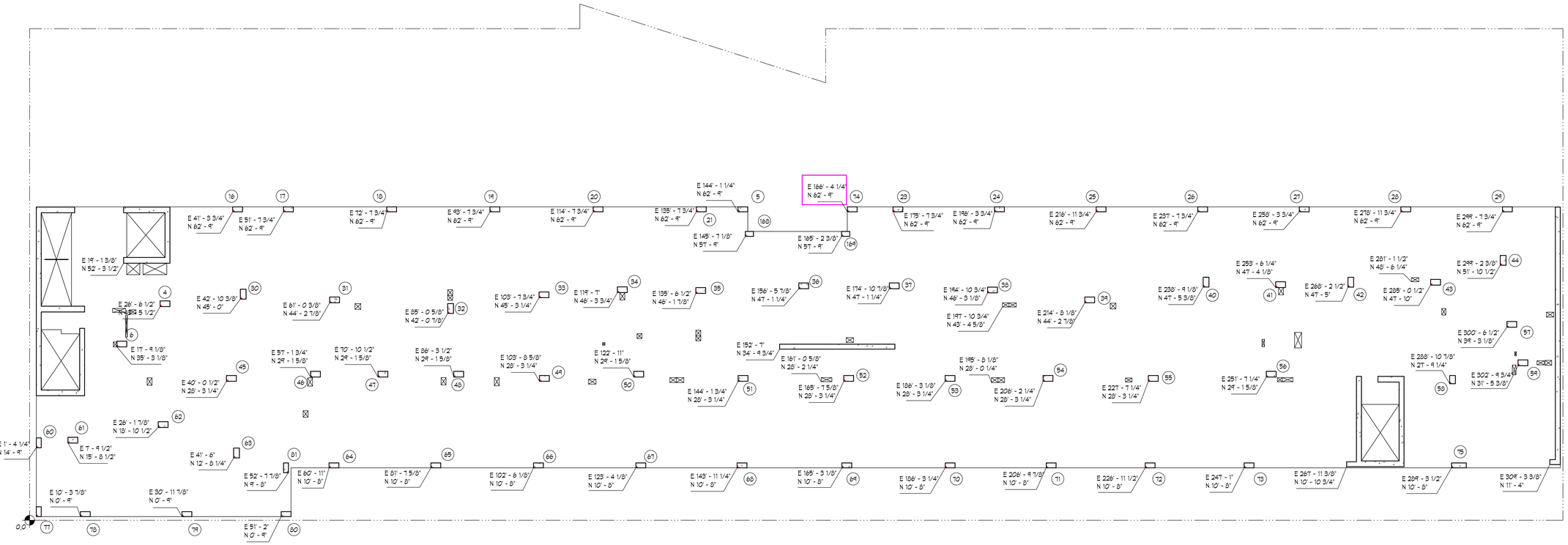
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

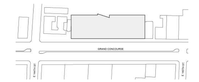
11/4/2025 4:34:42 PM
\\file2\homes\ethan.wong\ACC-R24-C5011.00_wongPHSAN.rvt



PENTHOUSE DIMENSIONAL PLAN

1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	08/15/2025	50% CD ISSUANCE
	06/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

PENTHOUSE DIMENSIONAL PLAN

SCALE: 1/8" = 1'-0" PAGE: 24 OF

S-608.00

DOB SCAN STICKER

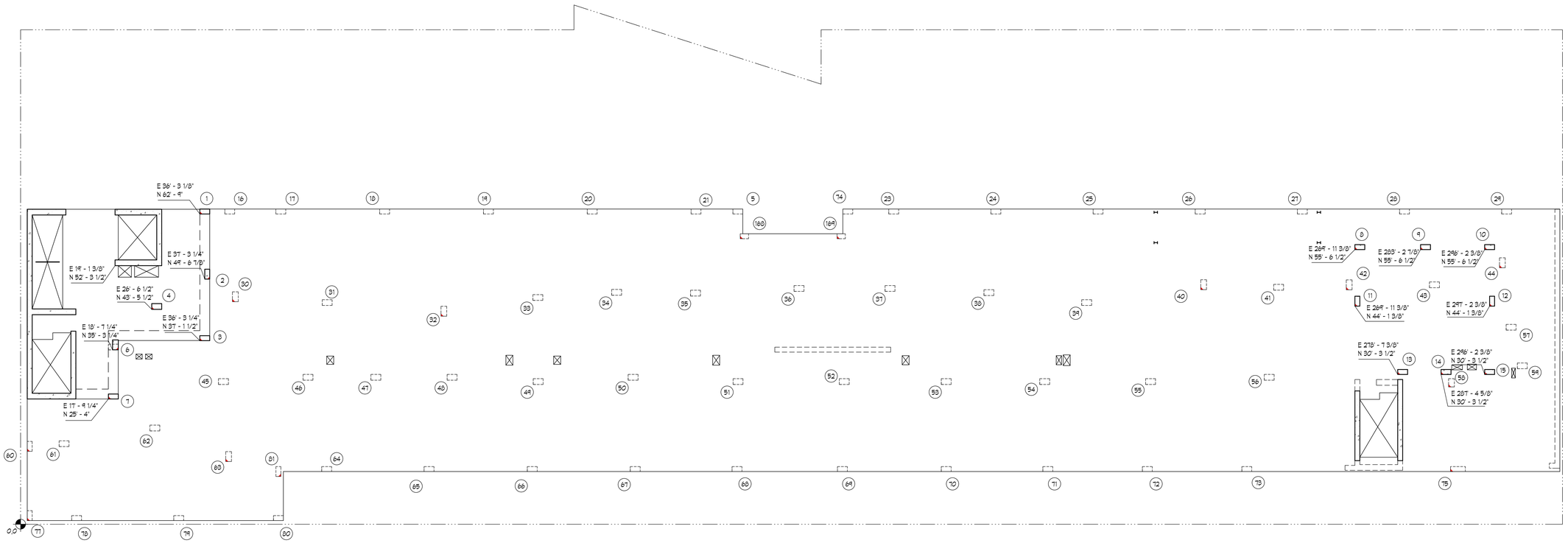
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

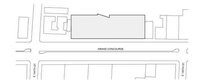
11/4/2025 4:34:45 PM
\\fs3\home\ethan.wong\ACC-R24-C5011.00_ewong\PHSA5.rvt



ROOF DIMENSIONAL PLAN

1/8" = 1'-0"

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	06/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

ROOF DIMENSIONAL PLAN

SCALE: 1/8" = 1'-0" PAGE: 24 OF

S-609.00

DOB SCAN STICKER

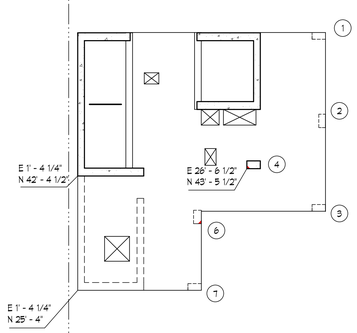
SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

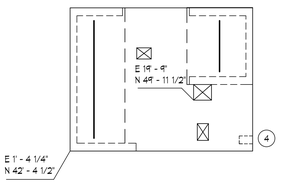
© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:34:48 PM
\\fs3\home\ethan.wong\ACC-R24-C5011.00_wongPHSAN.rvt



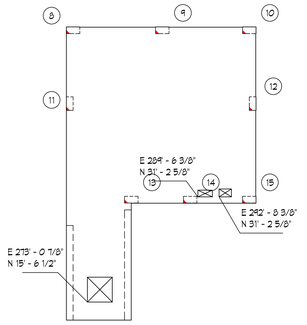
BULKHEAD DIMENSIONAL PLAN

1/8" = 1'-0"

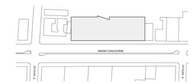


EMR ROOF DIMENSIONAL PLAN

1/8" = 1'-0"



NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS
	08/22/2025	DOB FILING
	06/15/2025	50% CD ISSUANCE
	05/02/2025	100% DD
	04/04/2025	65% DD



KEY PLAN

S9ARCHITECTURE

322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

BULKHEAD DIMENSIONAL PLAN

SCALE: 1/8" = 1'-0" PAGE: 24 OF

S-610.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/4/2025 4:39:51 PM
\\file2\homes\ethan.wong\ACC-R24-C5011.00_wongEHSAN.rvt

conEdison

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
4 IRVING PLACE
NEW YORK, NY 10003

DISTRIBUTION ENGINEERING
TOOLS AND STRUCTURES

SPECIFICATION EO – 1008
REVISION 14
APRIL, **2011**

EFFECTIVE DATE
APRIL 18, 2011

PLAIN AND REINFORCED CONCRETE

FILE: PURCHASE AND TEST MANUAL NO. 6, SECTION 7

TARGET AUDIENCE	DISTRIBUTION ENGINEERING REGIONAL ENGINEERING
NESC REFERENCE	SECTION 32

Copyright Information ©1978-2011 Consolidated Edison Co. of New York, Inc.
Paper copies of procedures and instructions are uncontrolled and therefore may be outdated. Please consult Distribution Engineering Intranet Site Distribution Engineering or http://distribution for the current version prior to use.

TABLE OF CONTENTS

1.0 PURPOSE....3
2.0 APPLICATION....3
3.0 GENERAL REQUIRMENT....3
3.1 GENERAL WORK REQUIREMENT....3
3.2 ITEMS OF WORK....3
3.3 WORK BY OTHERS....3
3.4 REFERENCE SPECIFICATIONS....3
3.5 QUALITY CONTROL....6
3.6 REJECTION OF CONCRETE....7
4.0 MATERIAL AND PRODUCT SPECIFICATONS....7
4.1 GENERAL....7
4.2 CEMENT....8
4.3 AGGREGATES....8
4.4 WATER....8
4.5 ADMIXTURES....8
4.6 STEEL REINFORCEMENT....9
4.7 CLASSIFICATION OF CONCRETE....10
4.8 CURING MATERIALS....10
4.9 FORMS AND FORM-TIES....11
4.10 FORM OIL (PARTING AGENT)....11
4.11 CONCRETE PROPORTIONS AND CONSISTENCY....12
5.0 CONCRETE MIXING, PLACING, CURING, TESTING....13
5.1 MIXING CONCRETE....13
5.2 PREPARATION OF EQUIPMENT AND CONVEY, PLACE OF DEPOSIT....13
5.3 CONCRETE TESTS....15
5.4 COLD WEATHER REQUIREMENTS....15
5.5 HOT WEATHER REQUIREMENTS....16
5.6 CONSOLIDATION....17
5.7 CONCRETE FINISHES....17
6.0 RIGHT TO INSPECT AND IDENTIFY ALL CONCRETE WORK....17
7.0 DESIGN CHANGES MUST OBTAIN APPROVAL....17

Paper copies of procedures and instructions are uncontrolled and therefore may be outdated. Please consult Distribution Engineering Intranet Site Distribution Engineering or http://distribution, for the current version prior to use.

1.0 PURPOSE

This specification covers the furnishing of all labor, materials, equipment, tools, services and all other items necessary for the complete and approved installation of all precast, cast-in-place plain and reinforced concrete work, which includes ready mixed, job-site mixed, and plant-mixed concrete, as indicated on the contract drawings and/or specified herein.

2.0 APPLICATION

This specification applies to the Con Edison electrical distribution system.

3.0 GENERAL REQUIRMENT

3.1 General Work Requirement

Concrete shall consist of portland cement, fine and coarse aggregates, admixtures and clean water thoroughly mixed in quantities as specified by the latest edition and latest addenda of ACI, ASTM standards, Engineering Documents, NYC or local building codes, and the rules concerning safety & health from OSHA and EPA. Completed mix must obtain the required concrete strength as outlined in this specification.

3.2 Items of Work

The specific items of work are outlined in the "Project Specifications and Contract Drawings".

3.3 Work by Others

3.3.1 Controlled Inspection.

3.3.2 Inspection and Testing of Concrete.

3.4 Reference Specifications

The work covered by this specification shall conform to the latest edition and latest addenda thereto of the following standards and specifications:

3.4.1 ACI — American Concrete Institute

117 Standard Specifications for Tolerances for Concrete Construction and Materials

237R Self-Consolidating Concrete

304R Guide for Measuring, Mixing, Transporting and Placing Concrete

Paper copies of procedures and instructions are uncontrolled and therefore may be outdated. Please consult Distribution Engineering Intranet Site Distribution Engineering or http://distribution, for the current version prior to use.

305R Hot Weather Concreting

306.1 Standard Specification for Cold Weather Concreting

306R Cold Weather Concreting

308R Guide to Curing Concrete

309R Guide for Consolidation of Concrete

318 Building Code Requirements for Reinforced Concrete

3.4.2 ASTM — American Society for Testing and Materials

A185 Standard Specification for Steel Welded Wire Reinforcement, Plain, for Concrete

A615 Standard Specification for Deformed and Plain Carbon Steel Bars for Concrete Reinforcement

A775 Standard Specification for Epoxy-Coated Steel Reinforcing Bars

C31 Standard Practice for Making and Curing Concrete Test Specimens in the Field

C33 Standard Specification for Concrete Aggregates

C39 Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens

C94 Standard Specification for Ready-Mixed Concrete

C143 Standard Test Method for Slump of Hydraulic Cement Concrete

C150 Standard Specification for Portland Cement

C172 Standard Practice for Sampling Freshly Mixed Concrete

C260 Standard Specification for Air-Entraining Admixtures for Concrete

C309 Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete

Paper copies of procedures and instructions are uncontrolled and therefore may be outdated. Please consult Distribution Engineering Intranet Site Distribution Engineering or http://distribution, for the current version prior to use.

C494 Standard Specification for Chemical Admixtures for Concrete

C618 Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete

C989 Standard Specification for Granulated Blast-Furnace Slag for Use in Concrete and Mortars

C1602 Standard Specification for Mixing Water Used in the Production of Hydraulic Cement Concrete

3.4.3 EO — Engineering Documents / Specifications

a EO-1125 — Specification for Field-Mixed Concrete in Small Batches.

b EO-5228 — Specification for Fabrication of Precast Concrete Distribution Structures.

c EO-100167 — Purchase Recommendation for Packaged, Dry, Combined Materials for Mortar and Concrete.

d EO-1007 — Specification for Membrane Method of Waterproofing for Electrical Distribution Structures.

e EO-100285 — Purchase Recommendation for Plain and Reinforced Concrete.

f EO-100642 — Purchase Recommendation for Membrane Waterproofing Systems for Electrical Distribution Structures.

g EO-100271 — Purchase Recommendation for Rapid Setting Concrete Dry Gravel Mix.

3.4.4 Approved Product List by EH&S

EH&S approved product list for use of admixtures in concrete.
See CRS-Chemical Reporting System at
https://intapps7.coned.com/crsv/webform1.aspx and EO-100285.

3.4.5 Building Codes

Building Codes of the City and State of New York including Westchester County and other Municipalities as applicable.

Paper copies of procedures and instructions are uncontrolled and therefore may be outdated. Please consult Distribution Engineering Intranet Site Distribution Engineering or http://distribution, for the current version prior to use.

3.4.6 Occupational Safety and Health Administration (OSHA)

a 29 CFR 1910 — Occupational Safety and Health Standards.

b 29 CFR 1926 — Safety and Health Regulations for Construction

3.4.7 New York City, DOT Requirements

Standard Highway Specifications, New York City Department of Transportation.

3.5 Quality Control

3.5.1 Concrete Strength Tests

a Minimum Strength
All concrete shall have minimum 28 days strength as specified in the project specification and contract drawings, unless noted otherwise.

b Investigation of Low Strength Test Results,
If any strength test (see ACI 318-08, section 5.6.2.4 and 5.6.3) of laboratory-cured cylinders falls below fc' by more than the value given in ACI 318-08, section 5.6.3.3. then tests and structural analysis shall be taken as per ACI 318-08, section 5.6.5 at the contractor's expense.

3.5.2 Special Inspection and Concrete Testing

Concrete shall be controlled in accordance with the requirements of Building Codes of the City and State of New York including Westchester County and other local Municipalities, as well as NYC Buildings Bulletin 2009-026. Special inspection and concrete testing shall be performed by the special inspection agency and concrete testing laboratory accepted by New York City Building Department.

3.5.3 Frequency of Testing

Samples for strength tests of concrete placed for manholes or any other load bearing structures shall be taken once a day or one for each structural element. i.e. floor slab, wall and roof slab, respectively. At the time fresh concrete is sampled to fabricate specimens for strength tests, the slump and air content tests and temperature of concrete shall be performed.

Paper copies of procedures and instructions are uncontrolled and therefore may be outdated. Please consult Distribution Engineering Intranet Site Distribution Engineering or http://distribution, for the current version prior to use.

3.5.4 Concrete Testing Laboratory

All compressive strength tests of concrete, tests on cement, aggregates, slump and air content shall be done for Con Edison by an independent licensed concrete testing laboratory, see section 3.5.2.

3.5.5 Report Requirement

Special inspection agency, see section 3.5.2, shall keep records of inspections for a period of 6 years to conform to the provisions of sections BC 1704, BC 1903 and BC 1905 of the Building Codes of the State and City of New York and NYC Buildings Bulletin 2009-026. The agency shall submit to Con Edison Construction Management one hard copy and one electronic copy for them to keep in the project folder.

3.6 Rejection of Concrete

Final acceptance by Con Edison of all concrete work done by the contractor shall be predicated on meeting the job specific requirements, contract document and accepted ACI industry standards. The acceptance parameters include but are not limited to: compressive strength, mix design, slump, air entrainments, rebar placement and size. Additionally, the acceptance is contingent upon the finished condition of the concrete including general condition and no unacceptable evidence of honey combing, cracking, air bubbles or spalling. Con Edison reserves the right to assign an independent agency to conduct further investigation which may include nondestructive tests and strength tests of cores for those concrete strength tests that failed to meet specifications and any suspected defective concrete. If the results of subsequent physical testing or analytical modeling, stated in 3.5.1 to 3.5.4, reveals that the contactor placed concrete is defective and unacceptable, all costs for this investigative work shall be at the contractor's expense and the concrete in dispute shall be removed, replaced and tested until the strength and quality meet the requirements in this specification, at the contractor's expense.

4.0 MATERIAL AND PRODUCT SPECIFICATONS

4.1 General

4.1.1 Products and manufacturers listed in section 3.4.3 and 3.4.4 are all subject to compliance with the applicable codes and standard requirements.

Paper copies of procedures and instructions are uncontrolled and therefore may be outdated. Please consult Distribution Engineering Intranet Site Distribution Engineering or http://distribution, for the current version prior to use.

4.2 **Cement**

4.2.1 Cement used in the concrete mix shall be Portland cement and shall conform to ASTM C150.

4.2.2 Cements of a special nature for specific purposes shall conform to the specifications of latest edition of ASTM and ACI 318, and shall be submitted to Con Edison Construction Management (CM) for approval prior to the finalization of contract/construction drawings.

4.2.3 Neither fly ash nor slag is allowed to be used in concrete.

4.3 Aggregates

4.3.1 Fine aggregate shall be natural sand conforming to ASTM C33, Section 6.1

4.3.2 Coarse aggregate shall be crushed stone conforming to size number 67 in accordance with ASTM C33, Table 2, unless otherwise indicated.

4.3.3 Coarse aggregates for sidewalk slabs shall be grits which shall pass a sieve having 3/8 inch square openings and not less than 90% shall be retained on a No. 4 sieve.

4.4 Water

Water used in mixing concrete shall conform to ASTM C1602.

4.5 Admixtures

4.5.1 Admixtures listed in EO-100285 shall be added to the concrete as specified in contract drawings and/or the detailed project specification and strictly follow the manufacturer's recommendations. Admixtures shall be added only through calibrated dispensing devices. Dispensers shall be inspected and certified as to accuracy by the manufacturer of the admixture. Descriptions of admixtures, and data indicating quantities intended for use, shall be submitted to Construction Management and Distribution Engineering Tools and Structures Engineer for approval.

4.5.2 An air-entraining admixture shall be added to the mix for all concrete. Air-entraining admixtures shall conform to ASTM C260. Air-entraining admixtures shall be added to the concrete mixtures immediately before or during mixing.

Paper copies of procedures and instructions are uncontrolled and therefore may be outdated. Please consult Distribution Engineering Intranet Site Distribution Engineering or http://distribution, for the current version prior to use.

4.6 Steel Reinforcement

4.6.1 All reinforcement and accessories shall be free of loose rust, loose scale, grease, oil, and other coatings or foreign substances that would reduce the bonding qualities.

4.6.2 **Bars**

a Bar reinforcement, sizes No. 3 through No. 8 inclusive, shall be deformed, new billet steel bars conforming to ASTM A615, Grade 60, as indicated on the applicable drawings. Reinforcing bars shall be epoxy coated for all underground and wet structures in accordance with ASTM A775. Epoxy coating damaged as a result of handling or cutting of reinforcing bars shall be field coated with epoxy patching material conforming to ASTM A775.

b Each bar shall be branded in the deforming process to identify the manufacturer, size, type and grade of steel.

4.6.3 **Welded Wire Fabric**
Welded wire fabric shall be epoxy-coated in accordance with ASTM A884. The size or sizes indicated on the drawings, shall conform to ASTM A185. Epoxy coating damaged as a result of handling or cutting of fabric members shall be field coated with epoxy patching material conforming to ASTM A775.

4.6.4 **Tie Wire**
Tie wire for securing reinforcement in place shall be 16 gauge or heavier, black annealed plastic-coated wire.

4.6.5 **Bar Supports**

a Bar supports shall be standardized and non-corrosive wire bar supports conforming to the material specifications of the Manual of Standard Practice of the CRSI and contract drawings. Bar supports shall be sufficient in number and strength to properly carry the reinforcing bars and normal construction loads supported thereon.

b Precast concrete blocks, plain or provided with embedded coated tie wires, and dowel blocks, conforming to the Manual of Standard Practice of the CRSI shall be used to support bars in footings and slabs on ground.

Paper copies of procedures and instructions are uncontrolled and therefore may be outdated. Please consult Distribution Engineering Intranet Site Distribution Engineering or http://distribution, for the current version prior to use.

4.7 Classification of Concrete

4.7.1 Concrete shall be furnished in accordance with the following Consolidated Edison (Con Edison) classifications:

Con Edison Company Classification	Type of Structures	Min. 28-Day Compression Strength, Psi
Class I	Watertight Structures: Cast-in-Place, Precast and Self Consolidated Concrete (SCC) or Special Structures	5,000
Class II	Non- Watertight Structures	4,500
Others	Duct Banks, Sidewalks and General Use	3,500

4.8 Curing Materials

4.8.1 Waterproof paper for curing concrete shall conform to ASTM C171.

4.8.2 Membrane forming compounds for curing concrete shall conform to ASTM C309.

4.8.3 Polyethylene sheet used for curing concrete shall conform to the moisture retention requirements of ASTM C171. Polyethylene sheet shall be free of visible defects, uniform in appearance, and not less than 0.004 inches thick.

4.8.4 Polyethylene-coated waterproof paper for curing concrete shall conform to the moisture retention requirements of ASTM C171. The polyethylene coating shall have a minimum thickness of 0.002 inches, and shall be permanently bonded to the waterproof paper.

Paper copies of procedures and instructions are uncontrolled and therefore may be outdated. Please consult Distribution Engineering Intranet Site Distribution Engineering or http://distribution, for the current version prior to use.

4.9 Forms and Form-Ties

4.9.1 For underground construction that requires Class I or II concrete structure with watertight treatment, fiberglass form tie system made by RJD Industrial, INC. or approved equal shall be used. No timber or wood forms shall be constructed. No other form tie or snap tie is allowed for watertight concrete construction.

4.9.2 For above ground construction that requires Class I or II non-watertight concrete structure, steel, timber or wood forms may be constructed. Metal forms shall conform to ACI 347 and Section BC 1906 of the Building Code of the City of New York or other local municipal building codes. The materials used shall produce or facilitate obtaining the specified surface finish of the concrete.

4.9.3 All form ties shall have removable or snap-off ends and shall be fixed or adjustable in length. The portion of the tie remaining in the concrete after the removal of the exterior parts shall not project beyond the surface of the concrete and shall be at least one inch back from any surface that will be exposed to view. Plug both ends of the form tie opening with non-shrink cement grout with minimum thickness of one inch.

4.9.4 **Unexposed Concrete Surfaces**
No. 2 common or better lumber, or any material specified for exposed surfaces shall be used.

4.9.5 **Exposed Concrete Surfaces**
Plywood or metal forms in accordance with the following requirements shall be used:

a Plywood shall be APA Structural I Plyform, mill-oiled not less than 5-ply and at least 1/2 inch thick.

b Metal used for forms shall comply with the American Iron and Steel Institute requirements for light gauge, cold-formed steel. Metal forms shall produce surfaces equal to those provided by wood forms.

4.10 Form Oil (Parting Agent)

4.10.1 A colorless mineral oil, free of kerosene shall be used. Flash point shall be not less than 300°F, determined in accordance with ASTM D 92. Freezing point shall be less than -20°F.

Paper copies of procedures and instructions are uncontrolled and therefore may be outdated. Please consult Distribution Engineering Intranet Site Distribution Engineering or http://distribution, for the current version prior to use.

4.10.2 The Contractor shall verify with the admixture manufacturer that the form oil used is compatible with the admixtures included in the concrete mix. The Contractor shall notify the Construction Management in writing that such verification has been made.

4.10.3 Avoid dropping oil on the reinforcement bars or any exposed concrete surface.

4.11 Concrete Proportions and Consistency

4.11.1 Concrete material shall be mixed in such proportions as to achieve the specified compressive strength at the age of twenty-eight days. The contractor shall be responsible for the proper concrete design mix in accordance with sections 4.1 to 4.5.

4.11.2 Concrete mix proportioning shall produce concrete with slump and air content designed to minimize bleeding and segregation.

4.11.3 Slump for all concrete that does not contain a super-plasticizer admixture shall be a minimum of 4 inches and a maximum of 6 inches unless noted otherwise.

4.11.4 Unless noted otherwise, normal weight concrete structure for vaults and manholes subject to freezing- and-thawing exposures shall be assigned to Exposure Class F2 (severe exposure) of ACI 318-08 and air-entrained with air content of (6 +/- 1.5) %.

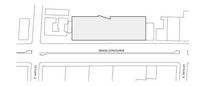
4.11.5 The water / cement ratio for concrete subject to special exposure conditions shall meet the requirements of section BC 1904 of the New York City Building Code or other applicable municipal local codes.

4.11.6 If the contractor intends to use self-consolidating concrete, (SCC), polyarboxylate based high-range water-reducer (HRWA) shall be used and meet the requirements of ASTM C-494/C, Type F or G and ACI 237. The contractor shall submit the design concrete mix with the admixture to Construction Management and Distribution Engineering Tools and Structures Engineer for review and comments prior to placing the order of SCC.

Paper copies of procedures and instructions are uncontrolled and therefore may be outdated. Please consult Distribution Engineering Intranet Site Distribution Engineering or http://distribution, for the current version prior to use.

11/4/2025 4:49:11 PM
\\ds2\home$\eblevan.mosiat\MACC-R24-C5011.00_dmosiat\MJHWZ.rvt

NO.	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH. FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE
BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

CON-EDISON SPECIFICATION E0-1008 (PART 1)

SCALE: PAGE: 39 OF

S-700.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

4.11.7 The slump of the concrete shall remain the same throughout the period required to unload the truck or mixer. Discharge of the contents shall be completed within 1-1/2 hours, after the introduction of mixing water to the cement and aggregates or the introduction of cement to the aggregates. During hot weather, when the temperature is above 80°F., the time limit shall be reduced to 45 minutes.

4.11.8 For all concrete, air-entrainment shall be accomplished by adding an air-entraining agent to the mix, in accordance with paragraph 4.5.

4.11.9 The source of supply for the fine or coarse aggregate shall not be changed during the course of the job. If the contractor wishes to change the source of supply for aggregates, the contractor must submit redesign concrete mix using the new source supply to Construction Management and Distribution Engineering Tools and Structures Engineer for review and approval.

4.11.10 The Contractor shall submit design mix to Construction Management and Distribution Engineering Tools and Structures Engineer for review and acceptance, a minimum of three weeks prior to the concrete mix being used for this project. The mixes as specified and filed with Construction Management shall not be adjusted except as specified herein, without the approval of the Construction Management and Distribution Engineering Tools and Structures Engineer. The Contractor shall submit to the Con Edison Construction Representative 2 copies of the concrete mix as accepted by Construction Management.

5.0 CONCRETE MIXING, PLACING, CURING, TESTING

5.1 Mixing Concrete

5.1.1 All concrete shall be mixed thoroughly and uniformly in accordance with ACI 318 section 5.8.

5.1.2 After mixing of materials has been completed, the use of additional water to make the mixture more workable will not be allowed. Concrete that has attained initial set shall not be placed, nor shall it be retempered or re-mixed in any way for use.

5.2 Preparation of Equipment and Convey, Place of Deposit

5.2.1 Preparation of equipment and place of deposit of concrete shall be done in accordance with ACI 304R and ACI 318 section 5.9 and 5.10.

5.2.2 Concrete shall not be placed until all reinforcement and embedded items, including pipes, conduits, frames, cut-outs, recess and shelf angles, anchor bolts, inserts, sleeves and other items that are called for on the drawings to be placed in the concrete, have been set in position.

5.2.3 The Construction Management Inspector shall timely arrange for the special inspection agency to inspect formwork for rigidity of supports, and reinforcing for correct placement and alignment. The special inspection agency will file with the Construction Management attestation that this inspection has been made.

5.2.4 Concrete shall not be allowed to drop freely more than 5 feet and shall be deposited in forms in a manner to avoid inclined construction joints.

5.2.5 When a continuous pour of concrete is being made, deliveries of mixed concrete shall be made at the place of deposit at intervals not exceeding one-half hour. Concrete shall be deposited continuously, or in layers of such thickness that no concrete will be deposited on concrete which has hardened sufficiently to cause the formation of seams or planes of weakness within the section.

5.2.6 Tops of rough slabs shall be brought to the level indicated on the drawings within a tolerance of plus or minus 1/4 inch.

5.2.7 All concrete shall be thoroughly compacted in accordance with section 5.6, immediately after placing, and shall be thoroughly worked around the reinforcement, embedded fixtures, and into the corners of the forms.

5.2.8 Chute Placement

a Concrete may be conveyed by approved chutes. The chute shall be metal or metal-lined wood with sections set at approximately the same slope to assure a continuous uniform flow throughout the length of the chute without segregation or loss of the materials.

b Aluminum shall not be used for construction of metal chutes or for lining of wooden chutes.

c The chute shall be thoroughly cleaned before and after each run. Waste material and flushing water shall be discharged outside the forms.

5.2.9 Pump Placement

a Pump placement of concrete shall be in accordance with ACI 304.2R, Placing Concrete by Pumping Methods.

b Where it is proposed by the Contractor to convey or place concrete by pumping, a description of the proposed pumping system, equipment, and procedures to be used shall be submitted by the Contractor, for information only, to the Con Edison Construction Management include output of system in cubic yards per hour, and pump range in feet, horizontally and vertically.

c In addition, the concrete mix shall contain a super-plasticizer admixture with air-entraining agent providing air content stated in section 4.11.4. Mix shall have adequate lubricating characteristics, including low mix-to-line-surface friction and low internal friction within the mix. Adjustments in mix design necessary to ensure efficiency of operation, including satisfactory pumping rates with smooth even flow shall be made by the Contractor at his expense and at no additional cost to Con Edison.

d Aluminum pipelines shall not be used when placing concrete by pumping.

5.3 Concrete Tests

5.3.1 Construction Management shall coordinate and arrange for the Concrete Testing Laboratory described in section 3.5, to perform all required tests including slump and compression tests to determine the strength classifications of the adjusted design mixes.

5.3.2 During construction, test samples of the concrete mix shall be taken at the hose discharge point by the Testing Laboratory Representative. Test samples used to determine slump and strength requirements shall be taken at the receiving hopper of the pump.

5.4 Cold Weather Requirements

5.4.1 Adequate equipment shall be provided for heating the concrete materials and protecting the concrete during freezing or near freezing weather. The contractor shall conform to the cold weather requirements of ACI 318-08, section 5.12, ACI 306R and ACI 306.1 unless otherwise designated.

5.4.2 If at any time during the progress of the work the surrounding air temperature is 40°F or less, or within 24 hours is expected to drop that low, the water, the aggregate or both should be heated so that the temperature of the concrete when placed is not less than 50°F nor more than 70°F.

5.4.3 Concrete shall not be placed when the outside temperature is below 32° F, unless the work is protected and heat is supplied to raise the ambient temperature to 50° F. During cold weather, the surface of freshly poured concrete shall be suitably protected to prevent the surface from dropping below 50°F for a period of seven days for normal Portland cement concrete, and for a period of three days for high-early strength cement concrete.

5.4.4 In no event shall concrete be deposited on a frozen subgrade, nor shall frozen materials be used in the concrete. Salt, chemicals, or other foreign materials shall not be mixed with the concrete to prevent freezing or to accelerate its setting. Any concrete damaged by freezing shall be removed and replaced at the expense of the Contractor.

5.5 Hot Weather Requirements

5.5.1 Whenever the temperature of the surrounding air exceeds 85°F, freshly poured concrete shall be protected to prevent rapid drying and to avoid high temperatures. The Contractor shall conform to the requirements of ACI 305R and ACI 318-08 section 5.13.

5.5.2 Newly placed concrete shall be maintained at a surface temperature not exceeding 75°F during the curing period.

5.5.3 Any concrete damaged by accelerated evaporation shall be removed and replaced at the expense of the Contractor.

5.5.4 When the ambient temperature exceeds 65°F, a retarding admixture, as specified in section 4.5 Admixtures, shall be added to the 5000-psi concrete mix.

5.6 Consolidation

Procedures for consolidation of concrete shall comply with the requirements of ACI 309R. Concrete shall be placed in layers not over 18 inches deep. Each layer shall be consolidated by mechanical internal-vibrating equipment supplemented by hand spading, rodding and tamping as required. Vibrators shall not be used to transport concrete inside forms. Duration of vibration shall be limited to time necessary to produce satisfactory consolidation without causing objectionable segregation. The vibrator shall not be inserted into lower courses that have begun to set.

5.7 Concrete Finishes

Immediately after removal of the forms all fines and loose material shall be removed; honeycombs, voids and holes over 1/2 inch in diameter shall be cut out to solid concrete, thoroughly wetted, brush-coated with neat cement grout, and filled with cement mortar composed of 1 part Portland cement to 2 parts fine aggregate. Mortar shall be finished flush and in the same plane as adjacent surfaces. Undersides of floor slabs and other exposed surfaces of concrete need not be rubbed free of form marks, unless otherwise designated on the drawings.

6.0 RIGHT TO INSPECT AND IDENTIFY ALL CONCRETE WORK

Con Edison reserve the right to inspect and identify all concrete work at the mixing plant and job site, whether field-poured or precast concrete.

7.0 DESIGN CHANGES MUST OBTAIN APPROVAL

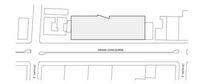
If there are proposed changes to the design, such changes shall be submitted to Construction Management and Distribution Engineering Tools and Structures Engineer for approval prior to fabrication / construction.

Joseph R. Martin (Signature on File)
Joseph R. Martin
Manager
Tools & Structures
Distribution Engineering

Jason Liu, P.E.

REVISON No. 14	FILE:
1) Section 1.0 adds precast. Section 3.4.4, removes fly ash / slag and add admixture. 2) Section 3.4.7, deletes ERA requirements and add NYC-DOT codes. Modify section 3.5.2 and 3.5.5. 3) Add 3.4.3 and 3.4.4 in section 4.1.1 and omit section 4.1.2. 4) Add section 4.2.3, No fly ash / slag is allowed. 5) Section 4.5 and 4.11, add Distribution Engineering Tools and Structures Engineer. Revise section 4.5.1, 4.6.2, 4.6.3, 4.6.5. 4.11.1, 4.11.4 and omit section 4.5.3 6) Renumber 4.9.4 and 4.9.5 7) Revise section 4.7.1. Add type of structures for all concrete and revise the concrete strength for Class II and others to meet requirements of ACI 318-08 and NYC-Building Code. 8) Section 4.11.6 adds ACI 237. 9) Add sections 5.0, 6.0 and 7.0	Purchase and Test Manual No. 6, Section 7
Due for review / revision: 5/2016	

NO	DATE	ISSUANCES / REVISIONS
	11/07/2025	CONSTRUCTION DOCUMENTS



KEY PLAN

S9ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY 10001
T 212.457.4077
S9ARCHITECTURE.COM

Owner:
SHOREWOOD REAL ESTATE GROUP
292 MADISON AVE, 24TH FLOOR
NEW YORK, NY 10017
212-335-2314

Architect/Interior Designer:
S9 ARCHITECTURE
322 8TH AVENUE
NEW YORK, NY
212-457-4077

Structural Engineer:
GACE CONSULTING ENGINEERS
148 MADISON AVE 4TH FLOOR
NEW YORK, NY 10017
212-545-7878

MEP/FP Engineer:
EP ENGINEERING
100 WILLIAM STREET, SUITE 1205
NEW YORK, NY, 10038
(212) 257-6190

Civil, Environmental & Acoustical Engineer:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016
646-388-9540

Vertical Transportation Consultant:
JENKINS HUNTINGTON
1251 6TH AVE
NEW YORK, NY 10020
(212) 696-1818

Envelope Consultant
HARTFIELD GROUP ENGINEERING
307 WEST 36TH STREET, SUITE1601,
NEW YORK, NY 10018
(212) 260 1513

Expeditor
JM ZONING
498 7TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
(212) 964-4464

Lighting Designer
REVEAL DESIGN GROUP
104 WEST 27TH, FLOOR 2
NEW YORK, NY 10001
(212)-633-4353

PROJECT TITLE:

350 GRAND CONCOURSE

350 GRAND CONCOURSE, THE BRONX, NY 10451

PROJECT NO: C5011.00

DOB NO: X01219259-S3

DRAWING TITLE:

CON-EDISON SPECIFICATION E0-1008 (PART 2)

SCALE: PAGE: 40 OF

S-701.00

DOB SCAN STICKER

SEAL

CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION

11.07.2025 CHECKED BY: Checker

© 2025 All Rights Reserved. S9 Architecture and Engineering,DPC

11/6/2025 11:23:33 AM
\\fs7\Home\ethan.wong\ACC-R24-C5011.00_ewongPHSAN.rvt

APPENDIX D
REMEDIAL INVESTIGATION REPORT ANALYTICAL RESULTS

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

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

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

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

			AKRF Sample ID	RI-SB-16_0-2_20220204	RI-SB-X_20220204	RI-SB-16_6-8_20220204	RI-SB-17_1-3_20220203	RI-SB-17_9-11_20220203	RI-SB-18_0-2_20220203
			Lab Sample ID	460-251880-1	460-251880-2	460-251880-3	460-251839-1	460-251839-2	460-251839-3
			Sample Date	2/4/2022	2/4/2022	2/4/2022	2/3/2022	2/3/2022	2/3/2022
			Dilution Factor	1	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
1,1-Dichloroethane	0.27	47	0.27	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
1,1-Dichloroethene	0.24	0.98	0.33	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0012 UJ	0.0013 UJ	0.0011 UJ	0.0016 UJ	0.0015 UJ	0.0012 UJ
1,2,4-Trichlorobenzene	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
1,2,4-Trimethylbenzene	5.9	100	5.9	0.00073 J	0.0016	0.0015	0.0016 U	0.0015 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
1,2-Dichloroethane	0.02	5.8	0.02	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	0.00042 J	0.00084 J	0.00087 J	0.0016 U	0.0015 U	0.0012 U
1,3-Dichlorobenzene	2.6	38	2.6	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
1,4-Dichlorobenzene	1.8	24	1.8	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
2-Hexanone	NS	NS	NS	0.0059 U	0.0064 U	0.0054 U	0.0081 U	0.0075 U	0.0058 U
Acetone	**0.03**	100	0.03	**0.22 JL**	**0.15**	**0.13**	0.012	0.0091 U	0.014
Benzene	0.06	3.7	0.06	0.0012 U	0.0013 U	0.0011 U	0.00054 J	0.0015 U	0.0012 U
Bromochloromethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Bromodichloromethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Bromoform	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Bromomethane	NS	NS	NS	0.0024 U	0.0025 U	0.0022 U	0.0032 UJ	0.003 UJ	0.0023 UJ
Carbon Disulfide	NS	NS	NS	0.0012 U	0.0012 J	0.0015	0.0016 U	0.0015 U	0.0012 U
Carbon Tetrachloride	0.76	7.1	0.76	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Chlorobenzene	4.5	100	4.5	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Chloroethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Chloroform	0.37	24	0.37	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Chloromethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Cyclohexane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Dibromochloromethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Dichlorodifluoromethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Ethylbenzene	1	76	1	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
M,P-Xylenes	NS	NS	NS	0.00044 J	0.00068 J	0.00051 J	0.0016 U	0.0015 U	0.0012 U
Methyl Acetate	NS	NS	NS	0.0059 U	0.0064 U	0.0054 U	0.0081 U	0.0075 U	0.0058 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	0.034 JL	0.026	0.021	0.0081 U	0.0075 U	0.0058 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0059 U	0.0064 U	0.0054 U	0.0081 U	0.0075 U	0.0058 U
Methylcyclohexane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Methylene Chloride	0.05	81	0.05	0.0024 U	0.0025 U	0.0022 U	0.0032 U	0.003 U	0.0023 U
N-Butylbenzene	18	100	18	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
N-Propylbenzene	5	100	5	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.00069 J	0.0013	0.00072 J	0.0016 U	0.0015 U	0.0012 U
Sec-Butylbenzene	25	100	25	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Styrene	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
T-Butylbenzene	11	100	11	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Tert-Butyl Methyl Ether	0.1	100	0.1	0.00091 JL	0.0013	0.0025	0.0016 U	0.0015 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	18	1.3	0.0012 U	0.00047 J	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Toluene	0.7	100	0.7	0.0011 J	0.0021	0.001 J	0.0016 U	0.0015 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Trichloroethylene (TCE)	0.47	6.4	0.47	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Trichlorofluoromethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Vinyl Chloride	0.03	0.48	0.03	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U	0.0012 U
Xylenes, Total	0.26	100	1.2	0.0011 J	0.002 J	0.0012 J	0.0032 U	0.003 U	0.0023 U

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

			AKRF Sample ID	RI-SB-18_12-14_20220203	RI-SB-19_3-5_20220131	RI-SB-19_13-15_20220131	RI-SB-20_0-2_20220131	RI-SB-20_12.5-14.5_20220131	RI-SB-21_0-2_20220203
			Lab Sample ID	460-251839-4	460-251618-1	460-251618-2	460-251618-3	460-251618-4	460-251839-5
			Sample Date	2/3/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022	2/3/2022
			Dilution Factor	1	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,1-Dichloroethane	0.27	47	0.27	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0016 UJ	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 UJ
1,2,4-Trichlorobenzene	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,2,4-Trimethylbenzene	5.9	100	5.9	0.0009 J	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
2-Hexanone	NS	NS	NS	0.0078 U	0.0057 U	0.0072 U	0.0064 U	0.0071 U	0.0057 U
Acetone	**0.03**	100	0.03	0.018	0.0068 U	0.0086 U	0.0076 U	0.0086 U	0.0068 U
Benzene	0.06	3.7	0.06	0.00076 J	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Bromochloromethane	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Bromodichloromethane	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Bromoform	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Bromomethane	NS	NS	NS	0.0031 UJ	0.0023 U	0.0029 U	0.0025 U	0.0029 U	0.0023 UJ
Carbon Disulfide	NS	NS	NS	0.00051 J	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Carbon Tetrachloride	0.76	7.1	0.76	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Chlorobenzene	4.5	100	4.5	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Chloroethane	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Chloroform	0.37	24	0.37	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Chloromethane	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Cyclohexane	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Dibromochloromethane	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Ethylbenzene	1	76	1	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
M,P-Xylenes	NS	NS	NS	0.00045 J	0.0011 U	0.0014 U	0.0011 J	0.0014 U	0.0011 U
Methyl Acetate	NS	NS	NS	0.0078 U	0.0057 U	0.0072 U	0.0064 U	0.0071 U	0.0057 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	0.0078 U	0.0057 U	0.0072 U	0.0064 U	0.0071 U	0.0057 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0078 U	0.0057 U	0.0072 U	0.0064 U	0.0071 U	0.0057 U
Methylcyclohexane	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Methylene Chloride	0.05	81	0.05	0.0031 U	0.0023 U	0.0029 U	0.0025 U	0.0029 U	0.0023 U
N-Butylbenzene	18	100	18	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
N-Propylbenzene	5	100	5	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.00048 J	0.0014 U	0.0011 U
Sec-Butylbenzene	25	100	25	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Styrene	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
T-Butylbenzene	11	100	11	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Tert-Butyl Methyl Ether	0.1	100	0.1	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Toluene	0.7	100	0.7	0.0011 J	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Vinyl Chloride	0.03	0.48	0.03	0.0016 U	0.0011 U	0.0014 U	0.0013 U	0.0014 U	0.0011 U
Xylenes, Total	0.26	100	1.2	0.0031 U	0.0023 U	0.0029 U	0.0016 J	0.0029 U	0.0023 U

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

			AKRF Sample ID	RI-SB-X_20220203	RI-SB-21_6-8_20220203	RI-SB-22_0-2_20220204	RI-SB-22_14-16_20220204	RI-SB-23_0-2_20220204	RI-SB-23_12-14_20220204
			Lab Sample ID	460-251839-8	460-251839-6	460-251880-4	460-251880-5	460-251880-6	460-251880-7
			Sample Date	2/3/2022	2/3/2022	2/4/2022	2/4/2022	2/4/2022	2/4/2022
			Dilution Factor	1	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,1-Dichloroethane	0.27	47	0.27	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,1-Dichloroethene	0.24	0.98	0.33	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0012 UJ	0.0012 UJ	0.0012 UJ	0.00096 UJ	0.0012 UJ	0.0012 UJ
1,2,4-Trichlorobenzene	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,2,4-Trimethylbenzene	5.9	100	5.9	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,2-Dichloroethane	0.02	5.8	0.02	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,3-Dichlorobenzene	2.6	38	2.6	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
1,4-Dichlorobenzene	1.8	24	1.8	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
2-Hexanone	NS	NS	NS	0.006 U	0.0058 U	0.0058 U	0.0048 U	0.0061 U	0.006 U
Acetone	**0.03**	100	0.03	0.0071 U	0.007 U	0.007 U	0.0058 U	0.0071 J	0.0072 U
Benzene	0.06	3.7	0.06	0.00036 J	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Bromochloromethane	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Bromodichloromethane	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Bromoform	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Bromomethane	NS	NS	NS	0.0024 UJ	0.0023 UJ	0.0023 U	0.0019 U	0.0024 U	0.0024 U
Carbon Disulfide	NS	NS	NS	0.0012 U	0.00036 J	0.0012 U	0.0013	0.0012 U	0.0012 U
Carbon Tetrachloride	0.76	7.1	0.76	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Chlorobenzene	4.5	100	4.5	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Chloroethane	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Chloroform	0.37	24	0.37	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Chloromethane	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Cyclohexane	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Dibromochloromethane	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Dichlorodifluoromethane	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Ethylbenzene	1	76	1	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
M,P-Xylenes	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Methyl Acetate	NS	NS	NS	0.006 U	0.0058 U	0.0058 U	0.0048 U	0.0061 U	0.006 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	0.006 U	0.0058 U	0.0058 U	0.0048 U	0.0061 U	0.006 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.006 U	0.0058 U	0.0058 U	0.0048 U	0.0061 U	0.006 U
Methylcyclohexane	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Methylene Chloride	0.05	81	0.05	0.0024 U	0.0023 U	0.0023 U	0.0019 U	0.0024 U	0.0024 U
N-Butylbenzene	18	100	18	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
N-Propylbenzene	5	100	5	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Sec-Butylbenzene	25	100	25	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Styrene	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
T-Butylbenzene	11	100	11	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Tert-Butyl Methyl Ether	0.1	100	0.1	0.0012 U	0.0015	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	18	1.3	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Toluene	0.7	100	0.7	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Trichloroethylene (TCE)	0.47	6.4	0.47	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Trichlorofluoromethane	NS	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Vinyl Chloride	0.03	0.48	0.03	0.0012 U	0.0012 U	0.0012 U	0.00096 U	0.0012 U	0.0012 U
Xylenes, Total	0.26	100	1.2	0.0024 U	0.0023 U	0.0023 U	0.0019 U	0.0024 U	0.0024 U

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

			AKRF Sample ID	RI-SB-24_3-5_20220131	RI-SB-24_11-13_20220131	RI-SB-25_0-2_20220203	RI-SB-25_5-7_20220203	RI-SB-26_0-2_20220204	RI-SB-26_7-9_20220204
			Lab Sample ID	460-251618-5	460-251618-6	460-251839-9	460-251839-10	460-251880-12	460-251880-13
			Sample Date	1/31/2022	1/31/2022	2/3/2022	2/3/2022	2/4/2022	2/4/2022
			Dilution Factor	1	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 UJ	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0013 U	0.0013 U	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 UJ	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 UJ	0.0011 U
1,1-Dichloroethane	0.27	47	0.27	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0013 U	0.0013 U	0.0012 UJ	0.0011 UJ	0.001 UJ	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0013 U	0.0013 U	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U
1,2,4-Trimethylbenzene	5.9	100	5.9	0.0013 U	0.0013 U	0.0013 JL	0.00086 J	0.001 UJ	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 UJ	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0013 U	0.0013 U	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0013 U	0.0013 U	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 UJ	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	0.0013 U	0.0013 U	0.0011 JL	0.00054 J	0.001 UJ	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6	0.0013 U	0.0013 U	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8	0.0013 U	0.0013 U	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U
2-Hexanone	NS	NS	NS	0.0063 U	0.0067 U	0.0058 U	0.0055 U	0.0052 UJ	0.0055 U
Acetone	**0.03**	100	0.03	0.0076 U	0.008 U	0.007 U	0.024	0.0071 JL	0.0066 U
Benzene	0.06	3.7	0.06	0.0013 U	0.0013 U	0.00034 J	0.00094 J	0.001 UJ	0.0011 U
Bromochloromethane	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
Bromodichloromethane	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
Bromoform	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
Bromomethane	NS	NS	NS	0.0025 U	0.0027 U	0.0023 UJ	0.0022 UJ	0.0021 U	0.0022 U
Carbon Disulfide	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0003 J	0.001 U	0.0011 U
Carbon Tetrachloride	0.76	7.1	0.76	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
Chlorobenzene	4.5	100	4.5	0.0013 U	0.0013 U	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U
Chloroethane	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
Chloroform	0.37	24	0.37	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
Chloromethane	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 UJ	0.0011 U
Cyclohexane	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 UJ	0.0011 U
Dibromochloromethane	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
Ethylbenzene	1	76	1	0.0013 U	0.0013 U	0.0047 JL	0.0024	0.001 UJ	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0013 U	0.0013 U	0.00073 JL	0.00036 J	0.001 UJ	0.0011 U
M,P-Xylenes	NS	NS	NS	0.0013 U	0.0013 U	0.0027 JL	0.0016	0.001 UJ	0.0011 U
Methyl Acetate	NS	NS	NS	0.0063 U	0.0067 U	0.0058 U	0.0055 U	0.0052 UJ	0.0055 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	0.0063 U	0.0067 U	0.0058 UJ	0.0046 J	0.0052 U	0.0055 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0063 U	0.0067 U	0.0058 U	0.0055 U	0.0052 UJ	0.0055 U
Methylcyclohexane	NS	NS	NS	0.0013 U	0.0013 U	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U
Methylene Chloride	0.05	81	0.05	0.0025 U	0.0027 U	0.0023 U	0.0022 U	0.0021 U	0.0022 U
N-Butylbenzene	18	100	18	0.0013 U	0.0013 U	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U
N-Propylbenzene	5	100	5	0.0013 U	0.0013 U	0.00022 JL	0.0011 U	0.001 UJ	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0013 U	0.0013 U	0.0021	0.0014	0.001 UJ	0.0011 U
Sec-Butylbenzene	25	100	25	0.0013 U	0.0013 U	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U
Styrene	NS	NS	NS	0.0013 U	0.0013 U	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U
T-Butylbenzene	11	100	11	0.0013 U	0.0013 U	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U
Tert-Butyl Methyl Ether	0.1	100	0.1	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3	0.0013 U	0.0013 U	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U
Toluene	0.7	100	0.7	0.0013 U	0.0013 U	0.0024	0.0016	0.001 UJ	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 UJ	0.0011 U
Trichlorofluoromethane	NS	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 UJ	0.0011 U
Vinyl Chloride	0.03	0.48	0.03	0.0013 U	0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U
Xylenes, Total	0.26	100	1.2	0.0025 U	0.0027 U	0.0048 JL	0.0029	0.0021 UJ	0.0022 U

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

			AKRF Sample ID	RI-SB-27_1-3_20220131	RI-SB-27_12-14_20220131	RI-SB-28_0-2_20220204	RI-SB-28_13-15_20220204	RI-SB-29_0-2_20220203	RI-SB-29_13-15_20220204
			Lab Sample ID	460-251618-7	460-251618-8	460-251880-8	460-251880-9	460-251839-7	460-251880-11
			Sample Date	1/31/2022	1/31/2022	2/4/2022	2/4/2022	2/3/2022	2/4/2022
			Dilution Factor	1	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,1,2-Trichloroethane	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,1-Dichloroethane	0.27	47	0.27	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,1-Dichloroethene	0.24	0.98	0.33	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0011 U	0.0012 U	0.0014 UJ	0.0016 UJ	0.001 UJ	0.0014 UJ
1,2,4-Trichlorobenzene	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,2,4-Trimethylbenzene	5.9	100	5.9	0.0011 U	0.0012 U	0.0014 U	0.00082 J	0.001 U	0.0014 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,2-Dichloroethane	0.02	5.8	0.02	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,2-Dichloropropane	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,3-Dichlorobenzene	2.6	38	2.6	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,4-Dichlorobenzene	1.8	24	1.8	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
2-Hexanone	NS	NS	NS	0.0056 U	0.0061 U	0.0072 U	0.0079 U	0.0052 U	0.007 U
Acetone	**0.03**	100	0.03	0.0067 U	0.012	0.0086 U	0.0095 U	0.0062 U	0.0085 U
Benzene	0.06	3.7	0.06	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001	0.0014 U
Bromochloromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Bromodichloromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Bromoform	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Bromomethane	NS	NS	NS	0.0022 U	0.0024 U	0.0029 U	0.0032 U	0.0021 UJ	0.0028 U
Carbon Disulfide	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.00071 J	0.0014 U
Carbon Tetrachloride	0.76	7.1	0.76	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Chlorobenzene	4.5	100	4.5	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Chloroethane	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Chloroform	0.37	24	0.37	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Chloromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Cyclohexane	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0014 J	0.001 U	0.0014 U
Dibromochloromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Dichlorodifluoromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Ethylbenzene	1	76	1	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
M,P-Xylenes	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0006 J	0.001 U	0.0014 U
Methyl Acetate	NS	NS	NS	0.0056 U	0.0061 U	0.0072 U	0.0079 U	0.0052 U	0.007 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	0.0056 U	0.0061 U	0.0072 U	0.0079 U	0.0052 U	0.007 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0056 U	0.0061 U	0.0072 U	0.0079 U	0.0052 U	0.007 U
Methylcyclohexane	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0025	0.001 U	0.0014 U
Methylene Chloride	0.05	81	0.05	0.0022 U	0.0024 U	0.0029 U	0.0032 U	0.0021 U	0.0028 U
N-Butylbenzene	18	100	18	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
N-Propylbenzene	5	100	5	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.00043 J	0.001 U	0.0014 U
Sec-Butylbenzene	25	100	25	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Styrene	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
T-Butylbenzene	11	100	11	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Tert-Butyl Methyl Ether	0.1	100	0.1	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Tetrachloroethylene (PCE)	1.3	18	1.3	0.0011 U	0.0009 J	0.0014 U	0.0016 U	0.001 U	0.0014 U
Toluene	0.7	100	0.7	0.0011 U	0.0012 U	0.0014 U	0.00053 J	0.00033 J	0.0014 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Trichloroethylene (TCE)	0.47	6.4	0.47	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Trichlorofluoromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Vinyl Chloride	0.03	0.48	0.03	0.0011 U	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Xylenes, Total	0.26	100	1.2	0.0022 U	0.0024 U	0.0029 U	0.001 J	0.0021 U	0.0028 U

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

		AKRF Sample ID	RI-SB-16_0-2_20220204	RI-SB-X_20220204	RI-SB-17_1-3_20220203	RI-SB-18_0-2_20220203	RI-SB-19_3-5_20220131	RI-SB-20_0-2_20220131	RI-SB-21_0-2_20220203
		Lab Sample ID	460-251880-1	460-251880-2	460-251839-1	460-251839-3	460-251618-1	460-251618-3	460-251839-5
		Sample Date	2/4/2022	2/4/2022	2/3/2022	2/3/2022	1/31/2022	1/31/2022	2/3/2022
		Dilution Factor	1	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U	0.37 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.039 UJ	0.037 UJ	0.041 U	0.038 U	0.037 U	0.036 U	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.39 U	0.37 U	0.41 UJ	0.38 R	0.37 UJ	0.36 U	0.37 R
2,4,5-Trichlorophenol	NS	NS	0.39 U	0.37 U	0.41 U	0.38 R	0.37 U	0.36 U	0.37 R
2,4,6-Trichlorophenol	NS	NS	0.16 U	0.15 U	0.17 U	0.15 R	0.15 U	0.15 U	0.15 R
2,4-Dichlorophenol	NS	NS	0.16 U	0.15 U	0.17 U	0.15 R	0.15 U	0.15 U	0.15 R
2,4-Dimethylphenol	NS	NS	0.39 U	0.37 U	0.41 U	0.38 R	0.37 U	0.36 U	0.37 R
2,4-Dinitrophenol	NS	NS	0.31 U	0.3 U	0.33 UJ	0.31 R	0.3 UJ	0.29 U	0.3 R
2,4-Dinitrotoluene	NS	NS	0.078 U	0.075 U	0.084 U	0.077 U	0.076 U	0.074 U	0.074 U
2,6-Dinitrotoluene	NS	NS	0.078 U	0.075 U	0.084 U	0.077 U	0.076 U	0.074 U	0.074 U
2-Chloronaphthalene	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U	0.37 U
2-Chlorophenol	NS	NS	0.39 U	0.37 U	0.41 U	0.38 R	0.37 U	0.36 U	0.37 R
2-Methylnaphthalene	NS	NS	0.39 U	0.025 J	0.014 J	0.011 J	0.37 U	0.013 J	0.012 J
2-Methylphenol (O-Cresol)	0.33	100	0.39 U	0.37 U	0.41 U	0.38 R	0.37 U	0.36 U	0.37 R
2-Nitroaniline	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U	0.37 U
2-Nitrophenol	NS	NS	0.39 U	0.37 U	0.41 UJ	0.38 R	0.37 U	0.36 U	0.37 R
3- And 4- Methylphenol (Total)	NS	NS	0.39 U	0.37 U	0.41 U	0.38 R	0.37 U	0.36 U	0.17 JL
3,3'-Dichlorobenzidine	NS	NS	0.16 U	0.15 U	0.17 U	0.15 U	0.15 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.31 U	0.3 U	0.33 UJ	0.31 R	0.3 U	0.29 U	0.3 R
4-Bromophenyl Phenyl Ether	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.39 U	0.37 U	0.41 U	0.38 R	0.37 U	0.36 U	0.37 R
4-Chloroaniline	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U	0.37 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.39 U	0.37 U	0.41 U	0.38 R	0.37 U	0.36 U	0.17 JL
4-Nitroaniline	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U	0.37 U
4-Nitrophenol	NS	NS	0.78 U	0.75 U	0.84 UJ	0.77 R	0.76 U	0.74 U	0.74 R
Acenaphthene	20	100	0.39 U	0.036 J	0.037 J	0.034 J	0.37 U	0.035 J	0.019 J
Acenaphthylene	100	100	0.018 J	0.026 J	0.013 J	0.048 J	0.37 U	0.053 J	0.014 J
Acetophenone	NS	NS	0.39 U	0.37 U	0.41 U	0.026 J	0.37 U	0.36 U	0.37 U
Anthracene	100	100	0.022 J	0.061 J	0.074 J	0.13 J	0.37 U	0.11 J	0.075 J
Atrazine	NS	NS	0.16 U	0.15 U	0.17 U	0.15 U	0.15 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.39 U	0.37 U	0.41 UJ	0.38 UJ	0.37 U	0.36 UJ	0.37 UJ
Benzo(a)Anthracene	**1**	1.4	0.1	0.2	0.23	0.6	0.024 J	0.56	0.21
Benzo(a)Pyrene	**1**	1	0.1	0.19	0.22	0.59	0.02 J	0.55	0.17
Benzo(b)Fluoranthene	**1**	1.4	0.13	0.27	0.31	0.78	0.025 J	0.74	0.24
Benzo(g,h,i)Perylene	**0.64**	4.9	0.083 J	0.13 J	0.15 J	0.39	0.016 J	0.27 J	0.11 J
Benzo(k)Fluoranthene	**0.8**	4.9	0.052	0.083	0.1	0.23	0.014 J	0.3	0.096
Benzyl Butyl Phthalate	NS	NS	0.39 UJ	0.37 UJ	0.41 U	0.023 J	0.37 U	0.36 U	0.37 U
Biphenyl (Diphenyl)	NS	NS	0.39 U	0.0068 J	0.41 U	0.38 U	0.37 U	0.36 U	0.0071 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.039 UJ	0.037 UJ	0.041 U	0.038 U	0.037 U	0.036 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.39 UJ	0.37 UJ	0.41 U	0.38 U	0.37 UJ	0.36 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.083 J	0.14 J	0.41 U	0.032 J	0.37 U	0.089 J	0.17 J
Caprolactam	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U	0.37 U
Carbazole	NS	NS	0.39 U	0.051 J	0.033 J	0.032 J	0.37 U	0.03 J	0.026 J
Chrysene	**1**	4.9	0.11 J	0.22 J	0.25 J	0.58	0.023 J	0.54	0.25 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.019 J	0.036 J	0.036 J	0.092	0.037 U	0.05	0.028 J
Dibenzofuran	NS	18	0.39 U	0.03 J	0.025 J	0.017 J	0.37 U	0.02 J	0.031 J
Diethyl Phthalate	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U	0.37 U
Dimethyl Phthalate	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.39 U	0.37 U	0.022 J	0.053 J	0.37 U	0.36 U	0.37 U
Di-N-Octylphthalate	NS	NS	0.39 UJ	0.37 UJ	0.41 U	0.38 U	0.37 U	0.36 U	0.37 U
Fluoranthene	85	100	0.18 J	0.44	0.5	1.1	0.026 J	1	0.58
Fluorene	30	100	0.39 U	0.036 J	0.026 J	0.03 J	0.37 U	0.027 J	0.009 J
Hexachlorobenzene	0.33	0.33	0.039 U	0.037 U	0.041 U	0.038 U	0.037 U	0.036 U	0.037 U
Hexachlorobutadiene	NS	NS	0.078 U	0.075 U	0.084 U	0.077 U	0.076 U	0.074 U	0.074 U
Hexachlorocyclopentadiene	NS	NS	0.39 U	0.37 U	0.41 UJ	0.38 UJ	0.37 UJ	0.36 U	0.37 UJ
Hexachloroethane	NS	NS	0.039 U	0.037 U	0.041 U	0.038 U	0.037 U	0.036 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	0.083	0.14	0.16	0.46	0.018 J	0.37	0.13
Isophorone	NS	NS	0.16 UJ	0.15 UJ	0.17 U	0.15 U	0.15 U	0.15 U	0.15 U
Naphthalene	12	100	0.014 J	0.066 J	0.013 J	0.017 J	0.37 U	0.024 J	0.012 J
Nitrobenzene	0.08	1.8	0.039 U	0.037 U	0.041 U	0.038 U	0.037 U	0.036 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.039 UJ	0.037 UJ	0.041 U	0.038 U	0.037 U	0.036 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U	0.37 U
Pentachlorophenol	0.8	1.3	0.31 UJ	0.3 UJ	0.33 UJ	0.31 R	0.3 UJ	0.29 U	0.3 R
Phenanthrene	**1.1**	4.9	0.12 J	0.44	0.4 J	0.58	0.37 U	0.49	0.45
Phenol	0.33	100	0.39 UJ	0.19 J	0.41 U	0.38 R	0.37 U	0.36 U	0.37 R
Pyrene	64	100	0.19 J	0.44	0.57	1.3	0.04 J	1	0.6

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

		AKRF Sample ID	RI-SB-X_20220203		RI-SB-22_0-2_20220204		RI-SB-22_14-16_20220204		RI-SB-23_0-2_20220204		RI-SB-24_3-5_20220131		RI-SB-25_0-2_20220203		RI-SB-26_0-2_20220204	
		Lab Sample ID	460-251839-8		460-251880-4		460-251880-5		460-251880-6		460-251618-5		460-251839-9		460-251880-12	
		Sample Date	2/3/2022		2/4/2022		2/4/2022		2/4/2022		1/31/2022		2/3/2022		2/4/2022	
		Dilution Factor	1		1		1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36	U	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.036	U	0.036	UJ	0.037	UJ	0.034	UJ	0.034	U	0.039	UJ	0.036	UJ
2,3,4,6-Tetrachlorophenol	NS	NS	0.36	R	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	R
2,4,5-Trichlorophenol	NS	NS	0.36	R	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	R
2,4,6-Trichlorophenol	NS	NS	0.14	R	0.14	U	0.15	U	0.14	U	0.14	U	0.16	UJ	0.14	R
2,4-Dichlorophenol	NS	NS	0.14	R	0.14	U	0.15	U	0.14	U	0.14	U	0.16	UJ	0.14	R
2,4-Dimethylphenol	NS	NS	0.36	R	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	R
2,4-Dinitrophenol	NS	NS	0.29	R	0.29	U	0.3	U	0.27	U	0.28	U	0.32	R	0.29	R
2,4-Dinitrotoluene	NS	NS	0.073	U	0.072	U	0.075	U	0.069	U	0.07	U	0.08	UJ	0.073	U
2,6-Dinitrotoluene	NS	NS	0.073	U	0.072	U	0.075	U	0.069	U	0.07	U	0.08	UJ	0.073	U
2-Chloronaphthalene	NS	NS	0.36	U	0.12	J	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	U
2-Chlorophenol	NS	NS	0.36	R	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	R
2-Methylnaphthalene	NS	NS	0.018	J	0.027	J	0.016	J	0.34	U	0.025	J	0.16	JL	0.36	U
2-Methylphenol (O-Cresol)	0.33	100	0.36	R	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	R
2-Nitroaniline	NS	NS	0.36	U	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	U
2-Nitrophenol	NS	NS	0.36	R	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	R
3- And 4- Methylphenol (Total)	NS	NS	0.43	JL	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	R
3,3'-Dichlorobenzidine	NS	NS	0.14	U	0.14	U	0.15	U	0.14	U	0.14	U	0.16	U	0.14	U
3-Nitroaniline	NS	NS	0.36	U	0.36	U	0.37	U	0.34	U	0.34	U	0.39	U	0.36	U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29	R	0.29	U	0.3	U	0.27	U	0.28	U	0.32	R	0.29	R
4-Bromophenyl Phenyl Ether	NS	NS	0.36	U	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	U
4-Chloro-3-Methylphenol	NS	NS	0.36	R	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	R
4-Chloroaniline	NS	NS	0.36	U	0.36	U	0.37	U	0.34	U	0.34	U	0.39	U	0.36	U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36	U	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	U
4-Methylphenol (P-Cresol)	**0.33**	100	**0.43**	**JL**	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	U
4-Nitroaniline	NS	NS	0.36	U	0.36	U	0.37	U	0.34	U	0.34	U	0.39	U	0.36	U
4-Nitrophenol	NS	NS	0.73	R	0.72	U	0.75	U	0.69	U	0.7	U	0.8	UJ	0.73	R
Acenaphthene	20	100	0.034	J	0.036	J	0.082	J	0.34	U	0.052	J	0.57		0.36	U
Acenaphthylene	100	100	0.0093	J	0.11	J	0.023	J	0.34	U	0.11	J	0.18	JL	0.36	U
Acetophenone	NS	NS	0.36	U	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	U
Anthracene	100	100	0.13	J	0.12	J	0.23	J	0.34	U	0.17	J	1.5		0.36	U
Atrazine	NS	NS	0.14	U	0.14	U	0.15	U	0.14	U	0.14	U	0.16	U	0.14	U
Benzaldehyde	NS	NS	0.071	J	0.36	U	0.37	U	0.34	U	0.34	UJ	0.39	UJ	0.36	U
Benzo(a)Anthracene	**1**	1.4	0.37		0.45		0.64		0.034	U	0.89		**4.1**		0.051	
Benzo(a)Pyrene	**1**	1	0.27		0.44		0.53		0.034	U	0.89		**3.5**		0.055	
Benzo(b)Fluoranthene	**1**	1.4	0.4		0.67		0.67		0.034	U	**1.1**		**4.5**		0.07	
Benzo(g,h,i)Perylene	**0.64**	4.9	0.15	J	0.29	J	0.33	J	0.34	U	0.43		**2.1**		0.039	J
Benzo(k)Fluoranthene	**0.8**	4.9	0.15		0.28		0.22		0.034	U	0.47		**1.9**		0.027	J
Benzyl Butyl Phthalate	NS	NS	0.36	U	0.36	UJ	0.37	UJ	0.34	UJ	0.34	U	0.39	U	0.36	UJ
Biphenyl (Diphenyl)	NS	NS	0.0086	J	0.015	J	0.37	U	0.34	U	0.0065	J	0.055	JL	0.36	U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36	U	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036	U	0.036	UJ	0.037	UJ	0.034	UJ	0.034	U	0.039	UJ	0.036	UJ
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36	U	0.36	UJ	0.37	UJ	0.34	UJ	0.34	U	0.39	UJ	0.36	UJ
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.035	J	0.028	J	0.37	UJ	0.34	UJ	0.34	U	0.036	JL	0.36	UJ
Caprolactam	NS	NS	0.36	U	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	U
Carbazole	NS	NS	0.05	J	0.03	J	0.035	J	0.34	U	0.055	J	0.62		0.36	U
Chrysene	**1**	4.9	0.34	J	0.49		0.67		0.34	U	0.9		**3.9**		0.056	J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.048		0.076		0.085		0.034	U	0.069		**0.63**	**JL**	0.036	U
Dibenzofuran	NS	18	0.04	J	0.017	J	0.036	J	0.34	U	0.037	J	0.49		0.36	U
Diethyl Phthalate	NS	NS	0.36	U	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	U
Dimethyl Phthalate	NS	NS	0.36	U	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	U
Di-N-Butyl Phthalate	NS	NS	0.36	U	0.035	J	0.029	J	0.34	U	0.34	U	0.39	UJ	0.36	U
Di-N-Octylphthalate	NS	NS	0.36	U	0.36	UJ	0.37	UJ	0.34	UJ	0.34	U	0.39	UJ	0.36	UJ
Fluoranthene	85	100	0.8		0.8		1.2		0.34	U	1.6		7.8		0.076	J
Fluorene	30	100	0.029	J	0.029	J	0.076	J	0.34	U	0.061	J	0.63		0.36	U
Hexachlorobenzene	0.33	0.33	0.036	U	0.036	U	0.037	U	0.034	U	0.034	U	0.039	UJ	0.036	U
Hexachlorobutadiene	NS	NS	0.073	U	0.072	U	0.075	U	0.069	U	0.07	U	0.08	UJ	0.073	U
Hexachlorocyclopentadiene	NS	NS	0.36	UJ	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	U
Hexachloroethane	NS	NS	0.036	U	0.036	U	0.037	U	0.034	U	0.034	U	0.039	UJ	0.036	U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	0.19		0.33		0.34		0.034	U	**0.64**		**2.6**		0.038	
Isophorone	NS	NS	0.14	U	0.14	UJ	0.15	UJ	0.14	UJ	0.14	U	0.16	UJ	0.14	UJ
Naphthalene	12	100	0.025	J	0.12	J	0.033	J	0.34	U	0.061	J	0.52		0.36	U
Nitrobenzene	0.08	1.8	0.036	U	0.036	U	0.037	U	0.034	U	0.034	U	0.039	UJ	0.036	U
N-Nitrosodi-N-Propylamine	NS	NS	0.036	U	0.036	UJ	0.037	UJ	0.034	UJ	0.034	U	0.039	UJ	0.036	UJ
N-Nitrosodiphenylamine	NS	NS	0.36	U	0.36	U	0.37	U	0.34	U	0.34	U	0.39	UJ	0.36	U
Pentachlorophenol	0.8	1.3	0.29	R	0.29	UJ	0.3	UJ	0.27	UJ	0.28	U	0.32	UJ	0.29	R
Phenanthrene	**1.1**	4.9	0.48		0.47		1.1		0.34	U	0.94		**6.8**		0.04	J
Phenol	0.33	100	0.36	R	0.36	UJ	0.37	UJ	0.34	UJ	0.34	U	0.39	UJ	0.36	R
Pyrene	64	100	0.87		0.9		1.5		0.34	U	1.8		8.4		0.088	J

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

		AKRF Sample ID	RI-SB-27_1-3_20220131		RI-SB-28_0-2_20220204		RI-SB-29_0-2_20220203	
		Lab Sample ID	460-251618-7		460-251880-8		460-251839-7	
		Sample Date	1/31/2022		2/4/2022		2/3/2022	
		Dilution Factor	1		1		1	
		Unit	mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.35	U	0.34	U	0.36	U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.035	U	0.034	UJ	0.036	U
2,3,4,6-Tetrachlorophenol	NS	NS	0.35	U	0.34	U	0.36	UJ
2,4,5-Trichlorophenol	NS	NS	0.35	U	0.34	U	0.36	U
2,4,6-Trichlorophenol	NS	NS	0.14	U	0.14	U	0.15	U
2,4-Dichlorophenol	NS	NS	0.14	U	0.14	U	0.15	U
2,4-Dimethylphenol	NS	NS	0.35	U	0.34	U	0.36	U
2,4-Dinitrophenol	NS	NS	0.29	U	0.27	U	0.29	UJ
2,4-Dinitrotoluene	NS	NS	0.072	U	0.068	U	0.074	U
2,6-Dinitrotoluene	NS	NS	0.072	U	0.068	U	0.074	U
2-Chloronaphthalene	NS	NS	0.35	U	0.34	U	0.36	U
2-Chlorophenol	NS	NS	0.35	U	0.34	U	0.36	U
2-Methylnaphthalene	NS	NS	0.014	J	0.34	U	0.018	J
2-Methylphenol (O-Cresol)	0.33	100	0.35	U	0.34	U	0.36	U
2-Nitroaniline	NS	NS	0.35	U	0.34	U	0.36	U
2-Nitrophenol	NS	NS	0.35	U	0.34	U	0.36	UJ
3- And 4- Methylphenol (Total)	NS	NS	0.35	U	0.34	U	0.36	U
3,3'-Dichlorobenzidine	NS	NS	0.14	U	0.14	U	0.15	U
3-Nitroaniline	NS	NS	0.35	U	0.34	U	0.36	U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29	U	0.27	U	0.29	UJ
4-Bromophenyl Phenyl Ether	NS	NS	0.35	U	0.34	U	0.36	U
4-Chloro-3-Methylphenol	NS	NS	0.35	U	0.34	U	0.36	U
4-Chloroaniline	NS	NS	0.35	U	0.34	U	0.36	U
4-Chlorophenyl Phenyl Ether	NS	NS	0.35	U	0.34	U	0.36	U
4-Methylphenol (P-Cresol)	**0.33**	100	0.35	U	0.34	U	0.36	U
4-Nitroaniline	NS	NS	0.35	U	0.34	U	0.36	U
4-Nitrophenol	NS	NS	0.72	U	0.68	U	0.74	UJ
Acenaphthene	20	100	0.35	U	0.34	U	0.012	J
Acenaphthylene	100	100	0.011	J	0.34	U	0.076	J
Acetophenone	NS	NS	0.35	U	0.34	U	0.36	U
Anthracene	100	100	0.012	J	0.34	U	0.049	J
Atrazine	NS	NS	0.14	U	0.14	U	0.15	U
Benzaldehyde	NS	NS	0.35	UJ	0.34	U	0.36	UJ
Benzo(a)Anthracene	**1**	1.4	0.052		0.026	J	0.53	
Benzo(a)Pyrene	**1**	1	0.046		0.024	J	0.53	
Benzo(b)Fluoranthene	**1**	1.4	0.072		0.03	J	0.79	
Benzo(g,h,i)Perylene	**0.64**	4.9	0.14	J	0.016	J	0.28	J
Benzo(k)Fluoranthene	**0.8**	4.9	0.027	J	0.011	J	0.3	
Benzyl Butyl Phthalate	NS	NS	0.35	U	0.34	UJ	0.02	J
Biphenyl (Diphenyl)	NS	NS	0.35	U	0.34	U	0.0054	J
Bis(2-Chloroethoxy) Methane	NS	NS	0.35	U	0.34	U	0.36	U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.035	U	0.034	UJ	0.036	U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.35	U	0.34	UJ	0.36	U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.038	J	0.34	UJ	0.36	U
Caprolactam	NS	NS	0.35	U	0.34	U	0.36	U
Carbazole	NS	NS	0.35	U	0.34	U	0.029	J
Chrysene	**1**	4.9	0.046	J	0.023	J	0.56	
Dibenz(a,h)Anthracene	**0.33**	0.33	0.017	J	0.034	U	0.075	
Dibenzofuran	NS	18	0.35	U	0.34	U	0.025	J
Diethyl Phthalate	NS	NS	0.35	U	0.34	U	0.36	U
Dimethyl Phthalate	NS	NS	0.35	U	0.34	U	0.36	U
Di-N-Butyl Phthalate	NS	NS	0.35	U	0.34	U	0.36	U
Di-N-Octylphthalate	NS	NS	0.35	U	0.34	UJ	0.36	U
Fluoranthene	85	100	0.08	J	0.033	J	0.95	
Fluorene	30	100	0.35	U	0.34	U	0.025	J
Hexachlorobenzene	0.33	0.33	0.035	U	0.034	U	0.036	U
Hexachlorobutadiene	NS	NS	0.072	U	0.068	U	0.074	U
Hexachlorocyclopentadiene	NS	NS	0.35	U	0.34	U	0.36	UJ
Hexachloroethane	NS	NS	0.035	U	0.034	U	0.036	U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	0.15		0.017	J	0.36	
Isophorone	NS	NS	0.14	U	0.14	UJ	0.15	U
Naphthalene	12	100	0.011	J	0.34	U	0.035	J
Nitrobenzene	0.08	1.8	0.035	U	0.034	U	0.036	U
N-Nitrosodi-N-Propylamine	NS	NS	0.035	U	0.034	UJ	0.036	U
N-Nitrosodiphenylamine	NS	NS	0.35	U	0.34	U	0.36	U
Pentachlorophenol	0.8	1.3	0.29	U	0.27	UJ	0.29	UJ
Phenanthrene	**1.1**	4.9	0.042	J	0.34	U	0.39	
Phenol	0.33	100	0.35	U	0.34	UJ	0.36	U
Pyrene	64	100	0.078	J	0.039	J	1	

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

		AKRF Sample ID	RI-SB-16_0-2_20220204		RI-SB-X_20220204		RI-SB-17_1-3_20220203		RI-SB-18_0-2_20220203		RI-SB-19_3-5_20220131	
		Lab Sample ID	460-251880-1		460-251880-2		460-251839-1		460-251839-3		460-251618-1	
		Sample Date	2/4/2022		2/4/2022		2/3/2022		2/3/2022		1/31/2022	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	7,550		8,100		2,280		7,990		11,600	
Antimony	NS	NS	0.25	J	0.26	J	0.93	U	0.39	J	0.87	U
Arsenic	**13**	16	3.5		3.6		1.3		4.1		2.4	
Barium	**410**	410	200		185		33.5		89.4		145	
Beryllium	4.4	43	0.33	J	0.35		0.091	J	0.4		0.87	
Cadmium	2.5	2.5	0.61	J	0.46	J	0.11	J	0.56	J	0.18	J
Calcium	NS	NS	22,800		21,100		10,100		45,300		16,400	
Chromium Iii	**30**	110	17.8		20.1		5		15.5		22.7	
Chromium, Hexavalent	**1**	1	2.4	U	2.3	U	2.5	U	2.3	U	2.3	U
Chromium, Total	NS	NS	17.8		20.1		5		15.5		22.7	
Cobalt	NS	NS	6.2		5.8		4		6.4		12.5	
Copper	**50**	280	25.2		25.8		**72.7**		44		25.2	
Cyanide, Free	2.3	13	0.74	J	0.22	J	0.19	J	0.28	U	0.27	U
Iron	NS	NS	13,900		13,300		9,450		13,200		24,300	
Lead	**63**	400	**236**		**240**		42.8		**178**		**101**	
Magnesium	NS	NS	7,450		8,770		1,970		9,160		7,220	
Manganese	1,600	2,000	314		292		134		299		369	
Mercury	**0.18**	0.3	**0.26**		0.15		**0.22**		**0.27**		0.14	
Nickel	**30**	320	15.5		14.7		4.2		14.2		26.3	
Potassium	NS	NS	1,390		1,130		730		1,760		5,500	
Selenium	4	110	0.13	J	0.15	J	0.12	J	0.21	J	0.14	J
Silver	2	110	0.96	U	0.08	J	0.93	U	0.13	J	0.87	U
Sodium	NS	NS	278		194		163		477		178	
Thallium	NS	NS	0.11	J	0.1	J	0.37	U	0.12	J	0.31	J
Vanadium	NS	NS	20.6		20		13.4		22.5		43.1	
Zinc	**109**	6,600	**254**		**167**		51.6		**207**		**114**	

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

		AKRF Sample ID	RI-SB-20_0-2_20220131		RI-SB-21_0-2_20220203			RI-SB-X_20220203			
		Lab Sample ID	460-251618-3		460-251839-5			460-251839-8			
		Sample Date	1/31/2022		2/3/2022			2/3/2022			
		Dilution Factor	1		1		5	1		2	
		Unit	mg/kg		mg/kg		mg/kg	mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC Q	CONC	Q	CONC	Q
Aluminum	NS	NS	6,470		30,900	J	NR	5,950	J	NR	
Antimony	NS	NS	0.83	U	1.1	J	NR	0.17	J	NR	
Arsenic	**13**	16	3		**13.5**	**J**	NR	2.5	J	NR	
Barium	**410**	410	113		358	J	NR	64.5	J	NR	
Beryllium	4.4	43	0.5		1.2	J	NR	0.24	J	NR	
Cadmium	2.5	2.5	0.2	J	0.74	J	NR	0.21	J	NR	
Calcium	NS	NS	22,600		NR		497,000 J	NR		64,200	J
Chromium Iii	**30**	110	15.4		**75.7**	**J**	NR	13.6	J	NR	
Chromium, Hexavalent	**1**	1	2.2	U	**1.9**	**J**	NR	2.2	U	NR	
Chromium, Total	NS	NS	15.4		77.6	J	NR	13.6	J	NR	
Cobalt	NS	NS	8.3		21.4	J	NR	4.4	J	NR	
Copper	**50**	280	**76.4**		**282**	**J**	NR	**58**	**J**	NR	
Cyanide, Free	2.3	13	0.2	J	0.31		NR	0.23	U	NR	
Iron	NS	NS	18,100		47,600	J	NR	10,600	J	NR	
Lead	**63**	400	**116**		**275**	**J**	NR	**68.4**	**J**	NR	
Magnesium	NS	NS	5,710		152,000	J	NR	17,100	J	NR	
Manganese	1,600	2,000	198		902	J	NR	177	J	NR	
Mercury	**0.18**	0.3	0.12		0.07		NR	0.11		NR	
Nickel	**30**	320	12.1		**48.8**	**J**	NR	9.1	J	NR	
Potassium	NS	NS	1,540		9,420	J	NR	1,650	J	NR	
Selenium	4	110	0.16	J	6.3	U	NR	0.11	J	NR	
Silver	2	110	0.83	U	5	U	NR	0.89	U	NR	
Sodium	NS	NS	218		1,510	J	NR	279	J	NR	
Thallium	NS	NS	0.09	J	0.41	J	NR	0.08	J	NR	
Vanadium	NS	NS	56.7		115	J	NR	19.5	J	NR	
Zinc	**109**	6,600	107		**327**	**J**	NR	94.9	J	NR	

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

		AKRF Sample ID	RI-SB-22_0-2_20220204		RI-SB-22_14-16_20220204		RI-SB-23_0-2_20220204		RI-SB-24_3-5_20220131			
		Lab Sample ID	460-251880-4		460-251880-5		460-251880-6		460-251618-5			
		Sample Date	2/4/2022		2/4/2022		2/4/2022		1/31/2022			
		Dilution Factor	1		1		1		1		5	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	6,310		6,120		5,190		6,360		NR	
Antimony	NS	NS	0.35	J	2.3		0.84	U	0.17	J	NR	
Arsenic	**13**	16	3.3		2.8		1.6		9.5		NR	
Barium	**410**	410	91.4		71.5		26.6		**571**		NR	
Beryllium	4.4	43	0.28	J	0.29	J	0.11	J	0.39		NR	
Cadmium	2.5	2.5	0.49	J	1.3		0.84	U	0.72	J	NR	
Calcium	NS	NS	28,500		38,200		16,300		NR		95,100	
Chromium Iii	**30**	110	12.5		17.2		3.1		13.3		NR	
Chromium, Hexavalent	**1**	1	2.2	U	2.2	U	2.1	U	**1.1**	**J**	NR	
Chromium, Total	NS	NS	12.5		17.2		3.1		14.3		NR	
Cobalt	NS	NS	6		7.2		13.1		4.2		NR	
Copper	**50**	280	43.1		29.6		**131**		14.6		NR	
Cyanide, Free	2.3	13	0.19	J	0.27	U	0.23	U	0.5		NR	
Iron	NS	NS	12,700		41,300		27,000		10,100		NR	
Lead	**63**	400	**205**		**555**		4.7		**1,130**		NR	
Magnesium	NS	NS	11,400		14,200		6,150		7,930		NR	
Manganese	1,600	2,000	234		489		265		218		NR	
Mercury	**0.18**	0.3	**0.26**		0.11		0.016	U	**0.55**		NR	
Nickel	**30**	320	12.2		14.5		7.1		9.9		NR	
Potassium	NS	NS	1,290		1,410		1,270		1,110		NR	
Selenium	4	110	0.15	J	0.53	J	0.13	J	0.85	J	NR	
Silver	2	110	0.13	J	0.88	U	0.84	U	0.086	J	NR	
Sodium	NS	NS	375		445		530		511		NR	
Thallium	NS	NS	0.1	J	0.092	J	0.058	J	0.14	J	NR	
Vanadium	NS	NS	25.2		19.5		104		22.2		NR	
Zinc	**109**	6,600	**173**		**442**		44.8		**460**		NR	

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

		AKRF Sample ID	RI-SB-25_0-2_20220203		RI-SB-26_0-2_20220204				RI-SB-27_1-3_20220131	
		Lab Sample ID	460-251839-9		460-251880-12				460-251618-7	
		Sample Date	2/3/2022		2/4/2022				1/31/2022	
		Dilution Factor	1		1		5		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	11,700		11,500		NR		7,830	
Antimony	NS	NS	0.25	JL	0.23	JL	NR		0.16	J
Arsenic	**13**	16	6.7		4.4		NR		3.3	
Barium	**410**	410	106		107		NR		49.1	
Beryllium	4.4	43	0.66		0.58		NR		0.38	
Cadmium	2.5	2.5	0.49	J	0.35	J	NR		0.27	J
Calcium	NS	NS	16,000		NR		92,800		21,300	
Chromium Iii	**30**	110	20.6		21.3		NR		12.5	
Chromium, Hexavalent	**1**	1	2.4	UJ	2.2	U	NR		2.1	U
Chromium, Total	NS	NS	20.6		21.3	JL	NR		12.5	
Cobalt	NS	NS	8.3		6.2	JL	NR		7.7	
Copper	**50**	280	41.6		32.9	JL	NR		39.1	
Cyanide, Free	2.3	13	0.29	U	0.14	JK	NR		0.26	U
Iron	NS	NS	17,100		14,800		NR		16,800	
Lead	**63**	400	**267**		**130**		NR		**84.6**	
Magnesium	NS	NS	9,370		17,800		NR		7,510	
Manganese	1,600	2,000	390		266		NR		329	
Mercury	**0.18**	0.3	**0.37**		0.077		NR		0.016	
Nickel	**30**	320	16.5		16.3	JL	NR		12.2	
Potassium	NS	NS	1,920		2,340		NR		1,090	
Selenium	4	110	0.6	J	0.19	J	NR		0.12	J
Silver	2	110	0.14	J	0.11	J	NR		0.82	U
Sodium	NS	NS	519		772	JL	NR		498	
Thallium	NS	NS	0.33	J	0.18	J	NR		0.076	J
Vanadium	NS	NS	25.8		31.3	JL	NR		27.9	
Zinc	**109**	6,600	**178**	**JL**	**142**	**JL**	NR		**132**	

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

		AKRF Sample ID	RI-SB-28_0-2_20220204		RI-SB-29_0-2_20220203	
		Lab Sample ID	460-251880-8		460-251839-7	
		Sample Date	2/4/2022		2/3/2022	
		Dilution Factor	1		1	
		Unit	mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q
Aluminum	NS	NS	4,100		7,430	
Antimony	NS	NS	0.78	U	0.91	U
Arsenic	**13**	16	1.8		3.1	
Barium	**410**	410	14.2		266	
Beryllium	4.4	43	0.053	J	0.38	
Cadmium	2.5	2.5	0.78	U	0.46	J
Calcium	NS	NS	3,790		30,300	
Chromium Iii	**30**	110	3.2		16.8	
Chromium, Hexavalent	**1**	1	2	U	2.2	U
Chromium, Total	NS	NS	3.2		16.8	
Cobalt	NS	NS	8.6		5.9	
Copper	**50**	280	**73.6**		24.6	
Cyanide, Free	2.3	13	0.25	U	0.26	U
Iron	NS	NS	15,600		12,600	
Lead	**63**	400	6.4		**384**	
Magnesium	NS	NS	3,550		8,380	
Manganese	1,600	2,000	137		254	
Mercury	**0.18**	0.3	0.019		0.13	
Nickel	**30**	320	6.3		13.3	
Potassium	NS	NS	675		1,470	
Selenium	4	110	0.97	U	0.15	J
Silver	2	110	0.78	U	0.91	U
Sodium	NS	NS	372		344	
Thallium	NS	NS	0.31	U	0.13	J
Vanadium	NS	NS	46.1		21.3	
Zinc	**109**	6,600	25.1		**208**	

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

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

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

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

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

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

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

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

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

		AKRF Sample ID	RI-SB-16_0-2_20220204		RI-SB-X_20220204		RI-SB-17_1-3_20220203		RI-SB-18_0-2_20220203		RI-SB-19_3-5_20220131	
		Lab Sample ID	460-251880-1		460-251880-2		460-251839-1		460-251839-3		460-251618-1	
		Sample Date	2/4/2022		2/4/2022		2/3/2022		2/3/2022		1/31/2022	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aldrin	**0.0048**	0.044	0.0079	U	0.0075	U	0.0084	U	0.0077	U	0.0076	U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.0023	U	0.0022	U	0.0025	U	0.0023	U	0.0023	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.0023	U	0.0022	U	0.0025	U	0.0023	U	0.0023	U
Chlordane (Technical)	NS	NS	0.079	U	0.075	U	0.084	U	0.077	U	0.076	U
Chlordane, cis-	0.014	0.65	0.0079	U	0.0075	U	0.0084	U	0.0077	U	0.0076	U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023	U	0.0022	U	0.0025	U	0.0023	U	0.0023	U
Dieldrin	**0.005**	0.075	0.0023	U	0.0022	U	0.0025	U	0.0023	U	0.0023	U
Endosulfan I	NS	NS	0.0079	U	0.0075	U	0.0084	U	0.0077	U	0.0076	U
Endosulfan II	NS	NS	0.0079	U	0.0075	U	0.0084	U	0.0077	U	0.0076	U
Endosulfan Sulfate	NS	NS	0.0079	U	0.0075	U	0.0084	U	0.0077	U	0.0076	U
Endosulfans ABS	4.3	35	0	U	0	U	0	U	0	U	0	U
Endrin	0.014	5.3	0.0079	U	0.0075	U	0.0084	U	0.0077	U	0.0076	U
Endrin Aldehyde	NS	NS	0.0079	U	0.0075	U	0.0084	U	0.0077	U	0.0076	U
Endrin Ketone	NS	NS	0.0079	U	0.0075	U	0.0084	U	0.0077	U	0.0076	U
Gamma Bhc (Lindane)	0.025	0.21	0.0023	U	0.0022	U	0.0025	U	0.0023	U	0.0023	U
Heptachlor	0.013	0.53	0.0079	U	0.0075	U	0.0084	U	0.0077	U	0.0076	U
Heptachlor Epoxide	NS	NS	0.0079	U	0.0075	U	0.0084	U	0.0077	U	0.0076	U
Methoxychlor	NS	NS	0.0079	U	0.0075	U	0.0084	U	0.0077	U	0.0076	U
P,P'-DDD	0.0033	5	0.0079	U	0.0075	U	0.0084	U	0.0077	U	0.0076	U
P,P'-DDE	0.0033	3.4	0.0079	U	0.0075	U	0.0084	U	0.0077	U	0.0076	U
P,P'-DDT	**0.0033**	3.8	0.0079	U	0.0075	U	0.0084	U	0.0077	U	0.0076	U
Toxaphene	NS	NS	0.079	U	0.075	U	0.084	U	0.077	U	0.076	U

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

		AKRF Sample ID	RI-SB-20_0-2_20220131		RI-SB-21_0-2_20220203		RI-SB-X_20220203		RI-SB-22_0-2_20220204		RI-SB-22_14-16_20220204	
		Lab Sample ID	460-251618-3		460-251839-5		460-251839-8		460-251880-4		460-251880-5	
		Sample Date	1/31/2022		2/3/2022		2/3/2022		2/4/2022		2/4/2022	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aldrin	**0.0048**	0.044	0.0074	U	0.0074	U	0.0073	U	0.0072	U	0.0075	U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0022	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0022	U
Chlordane (Technical)	NS	NS	0.074	U	0.074	U	0.073	U	0.072	U	0.075	U
Chlordane, cis-	0.014	0.65	0.0074	U	0.0074	U	0.0073	U	0.0072	U	0.0075	U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0022	U
Dieldrin	**0.005**	0.075	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0022	U
Endosulfan I	NS	NS	0.0074	U	0.0074	U	0.0073	U	0.0072	U	0.0075	U
Endosulfan II	NS	NS	0.0074	U	0.0074	U	0.0073	U	0.0072	U	0.0075	U
Endosulfan Sulfate	NS	NS	0.0074	U	0.0074	U	0.0073	U	0.0072	U	0.0075	U
Endosulfans ABS	4.3	35	0	U	0	U	0	U	0	U	0	U
Endrin	0.014	5.3	0.0074	U	0.0074	U	0.0073	U	0.0072	U	0.0075	U
Endrin Aldehyde	NS	NS	0.0074	U	0.0074	U	0.0073	U	0.0072	U	0.0075	U
Endrin Ketone	NS	NS	0.0074	U	0.0074	U	0.0073	U	0.0072	U	0.0075	U
Gamma Bhc (Lindane)	0.025	0.21	0.0022	U	0.0022	U	0.0022	U	0.0022	U	0.0022	U
Heptachlor	0.013	0.53	0.0074	U	0.0074	U	0.0073	U	0.0072	U	0.0075	U
Heptachlor Epoxide	NS	NS	0.0074	U	0.0074	U	0.0073	U	0.0072	U	0.0075	U
Methoxychlor	NS	NS	0.0074	U	0.0074	U	0.0073	U	0.0072	U	0.0075	U
P,P'-DDD	0.0033	5	0.0074	U	0.0074	U	0.0073	U	0.0072	U	0.0075	U
P,P'-DDE	0.0033	3.4	0.0074	U	0.0074	U	0.0073	U	0.0072	U	0.0075	U
P,P'-DDT	**0.0033**	3.8	0.0074	U	0.0074	U	0.0073	U	0.0072	U	0.0075	U
Toxaphene	NS	NS	0.074	U	0.074	U	0.073	U	0.072	U	0.075	U

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

		AKRF Sample ID	RI-SB-23_0-2_20220204		RI-SB-24_3-5_20220131		RI-SB-25_0-2_20220203		RI-SB-26_0-2_20220204		RI-SB-27_1-3_20220131	
		Lab Sample ID	460-251880-6		460-251618-5		460-251839-9		460-251880-12		460-251618-7	
		Sample Date	2/4/2022		1/31/2022		2/3/2022		2/4/2022		1/31/2022	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aldrin	**0.0048**	0.044	0.0069	U	0.007	U	0.008	U	0.0073	U	**0.0098**	
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.002	U	0.0021	U	0.0024	U	0.0022	U	0.0021	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.002	U	0.0021	U	0.0024	U	0.0022	U	0.0021	U
Chlordane (Technical)	NS	NS	0.069	U	0.07	U	0.08	U	0.073	U	0.072	U
Chlordane, cis-	0.014	0.65	0.0069	U	0.007	U	0.008	U	0.0073	U	0.0072	U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.002	U	0.0021	U	0.0024	U	0.0022	U	0.0021	U
Dieldrin	**0.005**	0.075	0.002	U	0.0021	U	0.0024	U	0.0022	U	**0.048**	
Endosulfan I	NS	NS	0.0069	U	0.007	U	0.008	U	0.0073	U	0.0072	U
Endosulfan II	NS	NS	0.0069	U	0.007	U	0.008	U	0.0073	U	0.0072	U
Endosulfan Sulfate	NS	NS	0.0069	U	0.007	U	0.008	U	0.0073	U	0.0072	U
Endosulfans ABS	4.3	35	0	U	0	U	0	U	0	U	0	U
Endrin	0.014	5.3	0.0069	U	0.007	U	0.008	U	0.0073	U	0.0072	U
Endrin Aldehyde	NS	NS	0.0069	U	0.007	U	0.008	U	0.0073	U	0.0072	U
Endrin Ketone	NS	NS	0.0069	U	0.007	U	0.008	U	0.0073	U	0.0072	U
Gamma Bhc (Lindane)	0.025	0.21	0.002	U	0.0021	U	0.0024	U	0.0022	U	0.0021	U
Heptachlor	0.013	0.53	0.0069	U	0.007	U	0.008	U	0.0073	U	0.0072	U
Heptachlor Epoxide	NS	NS	0.0069	U	0.007	U	0.008	U	0.0073	U	0.0072	U
Methoxychlor	NS	NS	0.0069	U	0.007	U	0.008	U	0.0073	U	0.0072	U
P,P'-DDD	0.0033	5	0.0069	U	0.007	U	0.008	U	0.0073	U	0.0072	U
P,P'-DDE	0.0033	3.4	0.0069	U	0.007	U	0.008	U	0.0073	U	0.0072	U
P,P'-DDT	**0.0033**	3.8	0.0069	U	0.007	U	**0.012**		0.0073	U	0.0072	U
Toxaphene	NS	NS	0.069	U	0.07	U	0.08	U	0.073	U	0.072	U

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

		AKRF Sample ID	RI-SB-28_0-2_20220204		RI-SB-29_0-2_20220203	
		Lab Sample ID	460-251880-8		460-251839-7	
		Sample Date	2/4/2022		2/3/2022	
		Dilution Factor	1		1	
		Unit	mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q
Aldrin	**0.0048**	0.044	0.0068	U	0.0074	U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.002	U	0.0022	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.002	U	0.0022	U
Chlordane (Technical)	NS	NS	0.068	U	0.074	U
Chlordane, cis-	0.014	0.65	0.0068	U	0.0074	U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.002	U	0.0022	U
Dieldrin	**0.005**	0.075	0.002	U	0.0022	U
Endosulfan I	NS	NS	0.0068	U	0.0074	U
Endosulfan II	NS	NS	0.0068	U	0.0074	U
Endosulfan Sulfate	NS	NS	0.0068	U	0.0074	U
Endosulfans ABS	4.3	35	0	U	0	U
Endrin	0.014	5.3	0.0068	U	0.0074	U
Endrin Aldehyde	NS	NS	0.0068	U	0.0074	U
Endrin Ketone	NS	NS	0.0068	U	0.0074	U
Gamma Bhc (Lindane)	0.025	0.21	0.002	U	0.0022	U
Heptachlor	0.013	0.53	0.0068	U	0.0074	U
Heptachlor Epoxide	NS	NS	0.0068	U	0.0074	U
Methoxychlor	NS	NS	0.0068	U	0.0074	U
P,P'-DDD	0.0033	5	0.0068	U	0.0074	U
P,P'-DDE	0.0033	3.4	0.0068	U	0.0074	U
P,P'-DDT	**0.0033**	3.8	0.0068	U	0.0074	U
Toxaphene	NS	NS	0.068	U	0.074	U

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

			AKRF Sample ID	RI-SB-16_0-2_20220204		RI-SB-X_20220204		RI-SB-17_1-3_20220203		RI-SB-18_0-2_20220203		RI-SB-19_3-5_20220131	
			Lab Sample ID	460-251956-1		460-251956-2		460-251838-1		460-251838-2		460-251623-1	
			Sample Date	2/4/2022		2/4/2022		2/3/2022		2/3/2022		1/31/2022	
			Dilution Factor	1		1		1		1		1	
			Unit	ppb		ppb		ppb		ppb		ppb	
Compound	**UUGV**	**RRGV**	**PGWGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
6:2 Fluorotelomer sulfonate	NS	NS	NS	0.22	UJ	0.22	UJ	0.22	U	0.23	U	0.22	U
8:2 Fluorotelomer sulfonate	NS	NS	NS	0.22	UJ	0.22	UJ	0.22	U	0.23	U	0.22	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.22	UJ	0.22	UJ	0.22	U	0.23	U	0.22	UJ
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.22	UJ	0.22	UJ	0.22	UJ	0.23	U	0.22	UJ
Perfluorobutanesulfonic acid (PFBS)	NS	NS	NS	0.44	U	0.44	U	0.43	U	0.46	U	0.45	U
Perfluorobutanoic acid	NS	NS	NS	0.057	J	0.043	J	0.032	J	0.041	J	0.041	J
Perfluorodecanesulfonic acid	NS	NS	NS	0.22	U	0.22	U	0.22	U	0.23	U	0.22	U
Perfluorodecanoic acid	NS	NS	NS	0.028	J	0.22	U	0.032	J	0.23	U	0.22	U
Perfluorododecanoic acid	NS	NS	NS	0.035	J	0.22	UJ	0.22	U	0.23	U	0.22	UJ
Perfluoroheptanesulfonic acid	NS	NS	NS	0.22	U	0.22	U	0.22	U	0.23	U	0.22	U
Perfluoroheptanoic acid	NS	NS	NS	0.22	U	0.22	U	0.22	U	0.033	J	0.22	U
Perfluorohexanesulfonic acid	NS	NS	NS	0.22	UJ	0.22	UJ	0.22	U	0.029	J	0.22	U
Perfluorohexanoic acid	NS	NS	NS	0.039	J	0.032	J	0.023	J	0.038	J	0.024	J
Perfluorononanoic acid	NS	NS	NS	0.027	J	0.22	UJ	0.22	U	0.039	J	0.22	U
Perfluorooctanesulfonamide	NS	NS	NS	0.22	UJ	0.22	UJ	0.22	U	0.23	UJ	0.22	UJ
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1	0.22		0.22		0.38		**1.15**		0.051	J
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8	0.034	J	0.027	J	0.042	J	0.16	J	0.22	U
Perfluoropentanoic acid	NS	NS	NS	0.22	UJ	0.22	U	0.22	U	0.23	U	0.22	U
Perfluorotetradecanoic acid	NS	NS	NS	0.22	UJ	0.22	UJ	0.22	U	0.23	UJ	0.22	UJ
Perfluorotridecanoic acid	NS	NS	NS	0.22	U	0.22	U	0.22	U	0.23	U	0.22	U
Perfluoroundecanoic acid	NS	NS	NS	0.22	U	0.22	UJ	0.22	U	0.23	U	0.22	U

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

			AKRF Sample ID	RI-SB-20_0-2_20220131		RI-SB-21_0-2_20220203		RI-SB-X_20220203		RI-SB-22_0-2_20220204		RI-SB-22_14-16_20220204	
			Lab Sample ID	460-251623-2		460-251838-3		460-251838-4		460-251956-3		460-251956-10	
			Sample Date	1/31/2022		2/3/2022		2/3/2022		2/4/2022		2/4/2022	
			Dilution Factor	1		1		1		1		1	
			Unit	ppb		ppb		ppb		ppb		ppb	
Compound	**UUGV**	**RRGV**	**PGWGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
6:2 Fluorotelomer sulfonate	NS	NS	NS	0.22	U	0.26	U	0.27	U	0.22	U	0.21	U
8:2 Fluorotelomer sulfonate	NS	NS	NS	0.22	U	0.26	U	0.27	U	0.22	U	0.21	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.024	J	0.26	U	0.042	J	0.22	UJ	0.21	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.22	UJ	0.26	U	0.27	U	0.22	UJ	0.21	UJ
Perfluorobutanesulfonic acid (PFBS)	NS	NS	NS	0.43	U	0.52	U	0.53	U	0.44	U	0.43	U
Perfluorobutanoic acid	NS	NS	NS	0.043	J	0.034	J	0.27	U	0.058	J	0.21	U
Perfluorodecanesulfonic acid	NS	NS	NS	0.22	U	0.26	U	0.27	U	0.22	U	0.21	U
Perfluorodecanoic acid	NS	NS	NS	0.044	J	0.26	U	0.27	U	0.22	U	0.026	J
Perfluorododecanoic acid	NS	NS	NS	0.035	J	0.26	U	0.27	U	0.22	U	0.21	U
Perfluoroheptanesulfonic acid	NS	NS	NS	0.22	U	0.26	U	0.031	J	0.22	U	0.21	U
Perfluoroheptanoic acid	NS	NS	NS	0.22	U	0.26	U	0.27	U	0.11	J	0.21	U
Perfluorohexanesulfonic acid	NS	NS	NS	0.22	U	0.14	J	0.2	J	0.22	U	0.21	U
Perfluorohexanoic acid	NS	NS	NS	0.033	J	0.26	U	0.026	J	0.14	J	0.21	U
Perfluorononanoic acid	NS	NS	NS	0.028	J	0.26	U	0.27	U	0.22	U	0.21	U
Perfluorooctanesulfonamide	NS	NS	NS	0.22	UJ	0.26	UJ	0.27	U	0.22	UJ	0.21	UJ
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1	0.22		**1.71**	**J**	**3.21**	**J**	0.27		0.34	
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8	0.047	J	0.59		**0.92**		0.26		0.038	J
Perfluoropentanoic acid	NS	NS	NS	0.028	J	0.26	U	0.27	U	0.13	J	0.21	U
Perfluorotetradecanoic acid	NS	NS	NS	0.22	UJ	0.26	UJ	0.27	U	0.22	UJ	0.21	UJ
Perfluorotridecanoic acid	NS	NS	NS	0.22	U	0.26	U	0.27	U	0.22	U	0.21	U
Perfluoroundecanoic acid	NS	NS	NS	0.22	U	0.26	U	0.27	U	0.22	U	0.21	U

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

			AKRF Sample ID	RI-SB-23_0-2_20220204		RI-SB-24_3-5_20220131		RI-SB-25_0-2_20220203		RI-SB-26_0-2_20220204		RI-SB-27_1-3_20220131	
			Lab Sample ID	460-251956-4		460-251623-3		460-251838-5		460-251956-7		460-251623-4	
			Sample Date	2/4/2022		1/31/2022		2/3/2022		2/4/2022		1/31/2022	
			Dilution Factor	1		1		1		1		1	
			Unit	ppb		ppb		ppb		ppb		ppb	
Compound	**UUGV**	**RRGV**	**PGWGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
6:2 Fluorotelomer sulfonate	NS	NS	NS	0.051	J	0.21	U	0.43		0.22	U	0.21	U
8:2 Fluorotelomer sulfonate	NS	NS	NS	0.2	U	0.21	U	0.24	U	0.22	U	0.21	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.2	UJ	0.21	UJ	0.24	UJ	0.22	UJ	0.21	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.2	UJ	0.21	UJ	0.24	UJ	0.22	UJ	0.21	UJ
Perfluorobutanesulfonic acid (PFBS)	NS	NS	NS	0.41	U	0.42	U	0.48	U	0.44	U	0.41	U
Perfluorobutanoic acid	NS	NS	NS	0.2	U	0.21	U	0.031	J	0.22	U	0.21	U
Perfluorodecanesulfonic acid	NS	NS	NS	0.2	U	0.21	U	0.24	UJ	0.22	UJ	0.21	U
Perfluorodecanoic acid	NS	NS	NS	0.2	U	0.03	J	0.24	U	0.22	U	0.21	U
Perfluorododecanoic acid	NS	NS	NS	0.2	U	0.21	U	0.24	U	0.22	U	0.21	U
Perfluoroheptanesulfonic acid	NS	NS	NS	0.2	U	0.028	J	0.24	U	0.22	U	0.21	U
Perfluoroheptanoic acid	NS	NS	NS	0.2	U	0.21	U	0.081	J	0.1	J	0.21	U
Perfluorohexanesulfonic acid	NS	NS	NS	0.2	U	0.19	J	0.038	J	0.25		0.21	U
Perfluorohexanoic acid	NS	NS	NS	0.2	U	0.039	J	0.058	J	0.086	J	0.21	U
Perfluorononanoic acid	NS	NS	NS	0.2	U	0.036	J	0.24	U	0.22	U	0.21	U
Perfluorooctanesulfonamide	NS	NS	NS	0.2	U	0.21	UJ	0.24	U	0.22	UJ	0.026	J
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1	0.2	U	0.43		0.14	J	0.084	J	0.059	J
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8	0.2	U	0.1	J	0.22	J	0.26		0.21	U
Perfluoropentanoic acid	NS	NS	NS	0.2	U	0.21	U	0.03	J	0.046	J	0.21	U
Perfluorotetradecanoic acid	NS	NS	NS	0.2	UJ	0.21	U	0.24	UJ	0.22	UJ	0.21	U
Perfluorotridecanoic acid	NS	NS	NS	0.2	U	0.21	U	0.24	UJ	0.22	UJ	0.21	U
Perfluoroundecanoic acid	NS	NS	NS	0.2	U	0.21	U	0.24	U	0.22	U	0.21	U

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

			AKRF Sample ID	RI-SB-28_0-2_20220204		RI-SB-29_0-2_20220203	
			Lab Sample ID	460-251956-5		460-251838-6	
			Sample Date	2/4/2022		2/3/2022	
			Dilution Factor	1		1	
			Unit	ppb		ppb	
Compound	**UUGV**	**RRGV**	**PGWGV**	CONC	Q	CONC	Q
6:2 Fluorotelomer sulfonate	NS	NS	NS	0.2	UJ	0.22	U
8:2 Fluorotelomer sulfonate	NS	NS	NS	0.2	UJ	0.22	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.2	UJ	0.22	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.2	UJ	0.22	U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	NS	0.41	U	0.44	U
Perfluorobutanoic acid	NS	NS	NS	0.024	J	0.22	U
Perfluorodecanesulfonic acid	NS	NS	NS	0.2	U	0.22	U
Perfluorodecanoic acid	NS	NS	NS	0.2	U	0.027	J
Perfluorododecanoic acid	NS	NS	NS	0.2	UJ	0.22	U
Perfluoroheptanesulfonic acid	NS	NS	NS	0.2	U	0.22	U
Perfluoroheptanoic acid	NS	NS	NS	0.2	U	0.047	J
Perfluorohexanesulfonic acid	NS	NS	NS	0.2	UJ	0.035	J
Perfluorohexanoic acid	NS	NS	NS	0.2	U	0.091	J
Perfluorononanoic acid	NS	NS	NS	0.2	U	0.04	J
Perfluorooctanesulfonamide	NS	NS	NS	0.053	J	0.22	UJ
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1	0.071	J	0.73	
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8	0.027	J	0.17	J
Perfluoropentanoic acid	NS	NS	NS	0.2	UJ	0.12	J
Perfluorotetradecanoic acid	NS	NS	NS	0.2	UJ	0.22	U
Perfluorotridecanoic acid	NS	NS	NS	0.2	U	0.22	U
Perfluoroundecanoic acid	NS	NS	NS	0.2	UJ	0.22	U

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

				AKRF Sample ID	SRI-A1-1B_3-5_20250522	SRI-A1-1B_5-7_20250522	SRI-A1-1B_13-15_20250522	SRI-A1-2_3-5_20250519	SRI-A1-2_8-10_20250519	SRI-A1-2_13-15_20250519
				Lab Sample ID	460-326756-18	460-326756-19	460-326756-20	460-326644-11	460-326644-12	460-326644-13
				Sample Date	5/22/2025	5/22/2025	5/22/2025	5/19/2025	5/19/2025	5/19/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 UJ	0.0012 UJ	0.0011 U
1,1-Dichloroethane	0.27	47	0.27		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0015 UJ	0.0015 U	0.0012 UJ	0.0012 U	0.0012 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0015 UJ	0.0015 U	0.0012 UJ	0.0012 U	0.0012 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0015 UJ	0.0015 U	0.0012 U	0.0012 UJ	0.0012 UJ	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0015 UJ	0.0046	0.0012 U	0.0012 U	0.0012 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0015 UJ	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0015 UJ	0.00092 J	0.0012 U	0.0012 U	0.0012 U	0.0011 U
2-Hexanone	NS	NS	NS		0.0076 U	0.0073 U	0.006 U	0.0061 U	0.0058 U	0.0054 U
Acetone	**0.03**	100	0.03		0.027	**0.058**	0.022	0.011	0.012	**0.061** J
Acrolein	NS	NS	NS		0.15 UJ	0.15 U	0.12 U	0.12 U	0.12 U	0.11 U
Acrylonitrile	NS	NS	NS		0.015 U	0.015 U	0.012 U	0.012 U	0.012 U	0.011 UJ
Benzene	0.06	3.7	0.06		0.0015 U	0.0095	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Bromochloromethane	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Bromodichloromethane	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Bromoform	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Bromomethane	NS	NS	NS		0.0031 U	0.0029 U	0.0024 U	0.0024 U	0.0023 U	0.0022 U
Carbon Disulfide	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Chlorobenzene	4.5	100	4.5		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Chloroethane	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Chloroform	0.37	24	0.37		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Chloromethane	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Cyclohexane	NS	NS	NS		0.0015 U	0.033	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Dibromochloromethane	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Ethylbenzene	**1**	76	1		0.0015 U	0.081	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0015 U	0.036	0.0012 U	0.0012 U	0.0012 U	0.0011 U
M,P-Xylenes	NS	NS	NS		0.0015 UJ	0.71	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Methyl Acetate	NS	NS	NS		0.0076 U	0.0073 U	0.006 U	0.0061 U	0.0058 U	0.0054 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0076 U	0.0079	0.006 U	0.0061 U	0.0058 U	0.0054 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0076 U	0.0073 U	0.006 U	0.0061 U	0.0058 U	0.0054 U
Methylcyclohexane	NS	NS	NS		0.0015 U	0.14	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Methylene Chloride	0.05	81	0.05		0.0031 U	0.0049	0.0024 U	0.0024 U	0.0023 U	0.0022 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0015 UJ	0.43	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Styrene	NS	NS	NS		0.0015 UJ	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Tert-Butyl Alcohol	NS	NS	NS		0.013 J	0.014 J	0.012 U	0.041	0.031	0.026
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Toluene	0.7	100	0.7		0.0015 U	0.093	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0015 UJ	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Vinyl Chloride	0.03	0.48	0.03		0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U

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

				AKRF Sample ID	SRI-A1-3B_3-5_20250522	SRI-X-7_3-5_20250522	SRI-A1-3B_7-9_20250522	SRI-A1-4B_3-5_20250522	SRI-A2-1_3-5_20250520	SRI-A2-1_8-10_20250520
				Lab Sample ID	460-326756-15	460-326756-14	460-326756-16	460-326756-21	460-326580-11	460-326580-12
				Sample Date	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/20/2025	5/20/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
1,1-Dichloroethane	0.27	47	0.27		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
1,2-Dichloropropane	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
2-Hexanone	NS	NS	NS		0.0062 U	0.0089 U	0.0052 U	0.0061 U	0.006 U	0.0063 U
Acetone	**0.03**	100	0.03		0.0074 U	**0.2**	0.026	0.0073 U	0.015	0.02
Acrolein	NS	NS	NS		0.12 U	0.18 U	0.1 U	0.12 U	0.12 U	0.13 U
Acrylonitrile	NS	NS	NS		0.012 U	0.018 U	0.01 U	0.012 U	0.012 UJ	0.013 UJ
Benzene	0.06	3.7	0.06		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Bromochloromethane	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Bromodichloromethane	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Bromoform	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Bromomethane	NS	NS	NS		0.0025 U	0.0036 U	0.0021 U	0.0024 U	0.0024 U	0.0025 U
Carbon Disulfide	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Chlorobenzene	4.5	100	4.5		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Chloroethane	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Chloroform	0.37	24	0.37		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Chloromethane	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Cyclohexane	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Dibromochloromethane	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Dichlorodifluoromethane	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Ethylbenzene	**1**	76	1		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
M,P-Xylenes	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.00084 J	0.00064 J
Methyl Acetate	NS	NS	NS		0.0062 U	0.0089 U	0.0052 U	0.0061 U	0.006 U	0.0063 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0062 U	0.0089 U	0.0052 U	0.0061 U	0.006 U	0.0063 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0062 U	0.0089 U	0.0052 U	0.0061 U	0.006 U	0.0063 U
Methylcyclohexane	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Methylene Chloride	0.05	81	0.05		0.0025 U	0.0036 U	0.0021 U	0.0024 U	0.0024 U	0.0025 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.00067 J	0.0013 U
Styrene	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Tert-Butyl Alcohol	NS	NS	NS		0.012 U	0.049	0.0087 J	0.012 U	0.012	0.013 U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Toluene	0.7	100	0.7		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Trichlorofluoromethane	NS	NS	NS		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U
Vinyl Chloride	0.03	0.48	0.03		0.0012 U	0.0018 U	0.001 U	0.0012 U	0.0012 U	0.0013 U

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

				AKRF Sample ID	SRI-A2-1_13-15_20250520	SRI-X-3_13-15_20250520	SRI-A2-2_3-5_20250520	SRI-A2-2_8-10_20250520	SRI-A2-2_13-15_20250520	SRI-A2-3_3-5_20250520
				Lab Sample ID	460-326580-13	460-326580-14	460-326580-8	460-326580-9	460-326580-10	460-326580-17
				Sample Date	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0016 UJ	0.0017 UJ	0.0017 U	0.0013 U	0.0013 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
1,1-Dichloroethane	0.27	47	0.27		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 UJ
1,2,4-Trichlorobenzene	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 UJ
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 UJ
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
2-Hexanone	NS	NS	NS		0.008 U	0.0085 U	0.0087 U	0.0064 U	0.0067 U	0.0055 U
Acetone	**0.03**	100	0.03		0.014	0.0099 J	0.01 U	**0.21**	**0.069**	0.0066 U
Acrolein	NS	NS	NS		0.16 U	0.17 U	0.17 U	0.13 U	0.13 U	0.11 U
Acrylonitrile	NS	NS	NS		0.016 U	0.017 U	0.017 UJ	0.013 UJ	0.013 UJ	0.011 U
Benzene	0.06	3.7	0.06		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Bromochloromethane	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Bromodichloromethane	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Bromoform	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Bromomethane	NS	NS	NS		0.0032 U	0.0034 U	0.0035 U	0.0026 U	0.0027 U	0.0022 U
Carbon Disulfide	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0016 UJ	0.0017 UJ	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Chlorobenzene	4.5	100	4.5		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Chloroethane	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Chloroform	0.37	24	0.37		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Chloromethane	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Cyclohexane	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Dibromochloromethane	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Ethylbenzene	**1**	76	1		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
M,P-Xylenes	NS	NS	NS		0.0015 J	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Methyl Acetate	NS	NS	NS		0.008 U	0.0085 U	0.0087 U	0.0064 U	0.0067 U	0.0055 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.008 U	0.0085 U	0.0087 U	0.0064 U	0.0067 U	0.0055 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.008 U	0.0085 U	0.0087 U	0.0064 U	0.0067 U	0.0055 U
Methylcyclohexane	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Methylene Chloride	0.05	81	0.05		0.0032 U	0.0034 U	0.0035 U	0.0026 U	0.0027 U	0.0022 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0011 J	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Styrene	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Tert-Butyl Alcohol	NS	NS	NS		0.043	0.033	0.017 U	0.045	0.03	0.015
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Toluene	0.7	100	0.7		0.0011 J	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS		0.0016 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0011 U
Vinyl Chloride	0.03	0.48	0.03		0.0016 UJ	0.0017 UJ	0.0017 U	0.0013 U	0.0013 U	0.0011 U

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

				AKRF Sample ID	SRI-A2-3_8-10_20250520	SRI-A2-3_10-12_20250520	SRI-A2-4_3-5_20250520	SRI-A2-4_8-10_20250520	SRI-A2-4_13-15_20250520	SRI-A3-1_3-5_20250520
				Lab Sample ID	460-326580-18	460-326580-19	460-326580-1	460-326580-2	460-326580-3	460-326580-33
				Sample Date	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.001 UJ	0.0018 UJ	0.0016 U	0.0012 U	0.0011 U	0.0011 UJ
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.001 U	0.0018 U	0.0016 UJ	0.0012 UJ	0.0011 UJ	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	47	0.27		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
2-Hexanone	NS	NS	NS		0.005 U	0.0092 U	0.008 U	0.006 U	0.0054 U	0.0057 U
Acetone	**0.03**	100	0.03		0.006 U	0.011 U	0.0091 J	0.02	**0.076**	**0.11**
Acrolein	NS	NS	NS		0.1 U	0.18 U	0.16 U	0.12 U	0.11 U	0.11 U
Acrylonitrile	NS	NS	NS		0.01 U	0.018 U	0.016 U	0.012 U	0.011 U	0.011 U
Benzene	0.06	3.7	0.06		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Bromochloromethane	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Bromodichloromethane	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Bromoform	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Bromomethane	NS	NS	NS		0.002 U	0.0037 U	0.0032 U	0.0024 U	0.0022 U	0.0023 U
Carbon Disulfide	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	7.1	0.76		0.001 UJ	0.0018 UJ	0.0016 UJ	0.0012 UJ	0.0011 UJ	0.0011 UJ
Chlorobenzene	4.5	100	4.5		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Chloroethane	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Chloroform	0.37	24	0.37		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Chloromethane	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Cyclohexane	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Dibromochloromethane	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Ethylbenzene	**1**	76	1		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
M,P-Xylenes	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Methyl Acetate	NS	NS	NS		0.005 U	0.0092 U	0.008 U	0.006 U	0.0054 U	0.0057 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.005 U	0.0092 U	0.008 U	0.006 U	0.0054 U	0.0057 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.005 U	0.0092 U	0.008 U	0.006 U	0.0054 U	0.0057 U
Methylcyclohexane	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Methylene Chloride	0.05	81	0.05		0.002 U	0.0037 U	0.0032 U	0.0024 U	0.0022 U	0.0023 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Styrene	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Tert-Butyl Alcohol	NS	NS	NS		0.01 U	0.018 U	0.023	0.058	0.17	0.13
Tert-Butyl Methyl Ether	0.1	100	0.1		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Toluene	0.7	100	0.7		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS		0.001 U	0.0018 U	0.0016 U	0.0012 U	0.0011 U	0.0011 U
Vinyl Chloride	0.03	0.48	0.03		0.001 UJ	0.0018 UJ	0.0016 U	0.0012 U	0.0011 U	0.0011 UJ

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

				AKRF Sample ID	SRI-A3-1_8-10_20250520	SRI-A3-1_13-15_20250520	SRI-A3-2_3-5_20250520	SRI-A3-2_8-10_20250520	SRI-A3-2_13-15_20250520	SRI-A3-3_3-5_20250520
				Lab Sample ID	460-326580-34	460-326580-35	460-326580-30	460-326580-31	460-326580-32	460-326580-20
				Sample Date	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0015 UJ	0.0014 UJ	0.0011 UJ	0.00099 UJ	0.0012 UJ	0.0012 UJ
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,1-Dichloroethane	0.27	47	0.27		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
2-Hexanone	NS	NS	NS		0.0077 U	0.0068 U	0.0054 U	0.0049 U	0.0062 U	0.0062 U
Acetone	**0.03**	100	0.03		**0.031**	**0.14**	0.017	0.018	**0.054**	0.0088
Acrolein	NS	NS	NS		0.15 U	0.14 U	0.11 U	0.099 U	0.12 U	0.12 U
Acrylonitrile	NS	NS	NS		0.015 U	0.014 U	0.011 U	0.0099 U	0.012 U	0.012 U
Benzene	0.06	3.7	0.06		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Bromochloromethane	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Bromodichloromethane	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Bromoform	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Bromomethane	NS	NS	NS		0.0031 U	0.0027 U	0.0022 U	0.002 U	0.0025 U	0.0025 U
Carbon Disulfide	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0015 UJ	0.0014 UJ	0.0011 UJ	0.00099 UJ	0.0012 UJ	0.0012 UJ
Chlorobenzene	4.5	100	4.5		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Chloroethane	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Chloroform	0.37	24	0.37		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Chloromethane	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Cyclohexane	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Dibromochloromethane	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Dichlorodifluoromethane	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Ethylbenzene	**1**	76	1		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
M,P-Xylenes	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Methyl Acetate	NS	NS	NS		0.0077 U	0.0068 U	0.0054 U	0.0049 U	0.0062 U	0.0062 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0077 U	0.0068 U	0.0054 U	0.0049 U	0.0062 U	0.0062 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0077 U	0.0068 U	0.0054 U	0.0049 U	0.0062 U	0.0062 U
Methylcyclohexane	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Methylene Chloride	0.05	81	0.05		0.0031 U	0.0027 U	0.0022 U	0.002 U	0.0025 U	0.0025 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Styrene	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Tert-Butyl Alcohol	NS	NS	NS		0.081	0.16	0.032	0.034	0.12	0.036
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Toluene	0.7	100	0.7		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Trichlorofluoromethane	NS	NS	NS		0.0015 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Vinyl Chloride	0.03	0.48	0.03		0.0015 UJ	0.0014 UJ	0.0011 UJ	0.00099 UJ	0.0012 UJ	0.0012 UJ

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

				AKRF Sample ID	SRI-A3-3_5-7_20250520	SRI-X-4_5-7_20250520	SRI-A3-3_13-15_20250520	SRI-A3-4_3-5_20250520	SRI-A3-4_6-8_20250520	SRI-A3-4_13-15_20250520
				Lab Sample ID	460-326580-21	460-326580-23	460-326580-22	460-326580-27	460-326580-28	460-326580-29
				Sample Date	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.00099 UJ	0.001 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
1,1,2-Trichloroethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
1,1-Dichloroethane	0.27	47	0.27		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 UJ	0.0013 U	0.00099 U	0.001 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
1,2-Dichloropropane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
2-Hexanone	NS	NS	NS		0.0057 U	0.0055 U	0.0062 U	0.0066 U	0.005 U	0.0052 U
Acetone	**0.03**	100	0.03		**0.29 J**	0.027 JL	**0.039**	0.01	0.0079	0.021
Acrolein	NS	NS	NS		0.11 U	0.11 U	0.12 U	0.13 U	0.099 U	0.1 U
Acrylonitrile	NS	NS	NS		0.011 U	0.011 U	0.012 U	0.013 U	0.0099 U	0.01 U
Benzene	0.06	3.7	0.06		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Bromochloromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Bromodichloromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Bromoform	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Bromomethane	NS	NS	NS		0.0023 U	0.0022 U	0.0025 U	0.0026 U	0.002 U	0.0021 U
Carbon Disulfide	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.00099 UJ	0.001 U
Chlorobenzene	4.5	100	4.5		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Chloroethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Chloroform	0.37	24	0.37		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Chloromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Cyclohexane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Dibromochloromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Dichlorodifluoromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Ethylbenzene	**1**	76	1		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
M,P-Xylenes	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Methyl Acetate	NS	NS	NS		0.0057 U	0.0055 U	0.0062 U	0.0066 U	0.005 U	0.0052 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0057 U	0.0055 U	0.0062 U	0.0066 U	0.005 U	0.0052 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0057 U	0.0055 U	0.0062 U	0.0066 U	0.005 U	0.0052 U
Methylcyclohexane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Methylene Chloride	0.05	81	0.05		0.0023 U	0.0022 U	0.0025 U	0.0026 U	0.002 U	0.0021 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Styrene	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Tert-Butyl Alcohol	NS	NS	NS		0.22 J	0.067 JL	0.12	0.035	0.025	0.071
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Toluene	0.7	100	0.7		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Trichlorofluoromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U	0.001 U
Vinyl Chloride	0.03	0.48	0.03		0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.00099 UJ	0.001 U

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

				AKRF Sample ID	SRI-A4-1_3-5_20250520	SRI-A4-1_7-9_20250520	SRI-A4-2_3-5_20250520	SRI-A4-2_6-8_20250520	SRI-A4-3_3-5_20250521	SRI-X-5_3-5_20250521
				Lab Sample ID	460-326580-36	460-326580-37	460-326580-38	460-326580-39	460-326694-3	460-326694-6
				Sample Date	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/21/2025	5/21/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
1,1-Dichloroethane	0.27	47	0.27		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 UJ	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
1,2-Dichloropropane	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
2-Hexanone	NS	NS	NS		0.0077 U	0.0063 U	0.0069 U	0.0062 U	0.0063 U	0.0067 U
Acetone	**0.03**	100	0.03		**0.031**	0.024	0.012	**0.035**	0.0076	0.008 U
Acrolein	NS	NS	NS		0.15 U	0.13 U	0.14 U	0.12 U	0.13 U	0.13 U
Acrylonitrile	NS	NS	NS		0.015 U	0.013 U	0.014 U	0.012 U	0.013 U	0.013 U
Benzene	0.06	3.7	0.06		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Bromochloromethane	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Bromodichloromethane	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Bromoform	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Bromomethane	NS	NS	NS		0.0031 U	0.0025 U	0.0028 U	0.0025 U	0.0025 U	0.0027 U
Carbon Disulfide	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Chlorobenzene	4.5	100	4.5		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Chloroethane	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Chloroform	0.37	24	0.37		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Chloromethane	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Cyclohexane	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Dibromochloromethane	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Dichlorodifluoromethane	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Ethylbenzene	**1**	76	1		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
M,P-Xylenes	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Methyl Acetate	NS	NS	NS		0.0077 U	0.0063 U	0.0069 U	0.0062 U	0.0063 U	0.0067 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0077 U	0.0063 U	0.0069 U	0.0062 U	0.0063 U	0.0067 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0077 U	0.0063 U	0.0069 U	0.0062 U	0.0063 U	0.0067 U
Methylcyclohexane	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Methylene Chloride	0.05	81	0.05		0.0031 U	0.0025 U	0.0028 U	0.0025 U	0.0025 U	0.0027 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Styrene	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Tert-Butyl Alcohol	NS	NS	NS		0.079	0.073	0.05	0.046	0.019	0.013
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Toluene	0.7	100	0.7		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.00036 J	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Trichlorofluoromethane	NS	NS	NS		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U
Vinyl Chloride	0.03	0.48	0.03		0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U

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

				AKRF Sample ID	SRI-A4-3_8-10_20250521	SRI-A4-3_10-12_20250521	SRI-A4-4_3_5_20250521	SRI-A4-4_6-8_20250521	SRI-B1-1_3-5_20250519	SRI-B1-2_3-5_20250519
				Lab Sample ID	460-326694-4	460-326694-5	460-326694-1	460-326694-2	460-326644-20	460-326644-15
				Sample Date	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/19/2025	5/19/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0013 UJ	0.0013 U	0.0011 U	0.0019 U	0.0011 UJ	0.0016 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
1,1,2-Trichloroethane	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 UJ	0.0016 UJ
1,1-Dichloroethane	0.27	47	0.27		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0013 UJ	0.0013 U	0.0011 U	0.0019 U	0.0011 UJ	0.0016 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0013 UJ	0.0013 UJ	0.0011 U	0.0019 UJ	0.0011 UJ	0.0016 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0013 UJ	0.0013 U	0.0011 UJ	0.0019 U	0.0011 UJ	0.0016 UJ
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 UJ	0.0016 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0013 UJ	0.0013 U	0.0011 U	0.0019 U	0.0011 UJ	0.0016 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
1,2-Dichloropropane	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0013 UJ	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0013 UJ	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
2-Hexanone	NS	NS	NS		0.0065 U	0.0063 U	0.0057 U	0.0096 U	0.0056 U	0.008 U
Acetone	**0.03**	100	0.03		0.022 JK	**0.042**	0.0068 U	0.026	**0.044**	**0.085**
Acrolein	NS	NS	NS		0.13 UJ	0.13 U	0.11 U	0.19 U	0.11 UJ	0.16 U
Acrylonitrile	NS	NS	NS		0.013 U	0.013 U	0.011 U	0.019 U	0.011 U	0.016 U
Benzene	0.06	3.7	0.06		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Bromochloromethane	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Bromodichloromethane	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Bromoform	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Bromomethane	NS	NS	NS		0.0026 U	0.0025 U	0.0023 U	0.0039 U	0.0022 U	0.0032 U
Carbon Disulfide	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.00058 J	0.0011 U	0.0016 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 UJ	0.0016 U
Chlorobenzene	4.5	100	4.5		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Chloroethane	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Chloroform	0.37	24	0.37		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Chloromethane	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Cyclohexane	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Dibromochloromethane	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Dichlorodifluoromethane	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Ethylbenzene	**1**	76	1		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
M,P-Xylenes	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.00096 J	0.0011 U	0.0016 U
Methyl Acetate	NS	NS	NS		0.0065 U	0.0063 U	0.0057 U	0.0096 U	0.0056 UJ	0.008 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0065 U	0.0063 U	0.0057 U	0.0096 U	0.0056 U	0.008 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0065 U	0.0063 U	0.0057 U	0.0096 U	0.0056 U	0.008 U
Methylcyclohexane	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Methylene Chloride	0.05	81	0.05		0.0026 U	0.0025 U	0.0023 U	0.0039 U	0.0022 U	0.0032 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Styrene	NS	NS	NS		0.0013 UJ	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Tert-Butyl Alcohol	NS	NS	NS		0.039	0.018	0.012	0.055	0.14 JL	0.21
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Toluene	0.7	100	0.7		0.0013 U	0.0013 U	0.0011 U	0.00051 J	0.0011 U	0.0016 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0013 UJ	0.0013 UJ	0.0011 U	0.0019 U	0.0011 UJ	0.0016 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Trichlorofluoromethane	NS	NS	NS		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U
Vinyl Chloride	0.03	0.48	0.03		0.0013 U	0.0013 U	0.0011 U	0.0019 U	0.0011 U	0.0016 U

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

				AKRF Sample ID	SRI-B1-2_5-7_20250519	SRI-B1-2_13-15_20250519	SRI-X-1_13-15_20250519	SRI-B1-2_18-20_20250519	SRI-B1-3_3-5_20250519	SRI-B1-3_5-7_20250519
				Lab Sample ID	460-326644-16	460-326644-17	460-326644-14	460-326644-18	460-326644-21	460-326644-22
				Sample Date	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 UJ	0.0011 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS		0.001 UJ	0.0011 U	0.00093 UJ	0.0011 U	0.001 U	0.0011 U
1,1-Dichloroethane	0.27	47	0.27		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.001 UJ	0.0011 U	0.00093 UJ	0.0011 U	0.001 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
2-Hexanone	NS	NS	NS		0.005 U	0.0054 U	0.0046 U	0.0057 U	0.0052 U	0.0056 U
Acetone	**0.03**	100	0.03		**0.045**	0.011	0.0093 JL	0.022	**0.038**	0.026
Acrolein	NS	NS	NS		0.1 U	0.11 U	0.093 U	0.11 U	0.1 U	0.11 U
Acrylonitrile	NS	NS	NS		0.01 U	0.011 U	0.0093 U	0.011 U	0.01 U	0.011 U
Benzene	0.06	3.7	0.06		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Bromochloromethane	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Bromodichloromethane	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Bromoform	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Bromomethane	NS	NS	NS		0.002 U	0.0022 U	0.0019 U	0.0023 U	0.0021 U	0.0022 U
Carbon Disulfide	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0017	0.001 U	0.0011 U
Carbon Tetrachloride	0.76	7.1	0.76		0.001 U	0.0011 UJ	0.00093 U	0.0011 UJ	0.001 UJ	0.0011 UJ
Chlorobenzene	4.5	100	4.5		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Chloroethane	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Chloroform	0.37	24	0.37		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Chloromethane	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Cyclohexane	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Dibromochloromethane	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Ethylbenzene	**1**	76	1		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
M,P-Xylenes	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Methyl Acetate	NS	NS	NS		0.005 U	0.0054 U	0.0046 U	0.0057 U	0.0052 U	0.0056 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.005 U	0.0054 U	0.0046 U	0.0057 U	0.0052 U	0.0056 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.005 U	0.0054 U	0.0046 U	0.0057 U	0.0052 U	0.0056 U
Methylcyclohexane	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Methylene Chloride	0.05	81	0.05		0.002 U	0.0022 U	0.0019 U	0.0023 U	0.0021 U	0.0022 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Styrene	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Tert-Butyl Alcohol	NS	NS	NS		0.068	0.027	0.021	0.034	0.11	0.07
Tert-Butyl Methyl Ether	0.1	100	0.1		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Toluene	0.7	100	0.7		0.00028 J	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U
Vinyl Chloride	0.03	0.48	0.03		0.001 U	0.0011 U	0.00093 U	0.0011 U	0.001 U	0.0011 U

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

				AKRF Sample ID	SRI-B1-3_13-15_20250519	SRI-B1-4_3-5_20250519	SRI-X-2_3-5_20250519	SRI-B1-4_5-7_20250519	SRI-B1-4_13-15_20250519	SRI-B1-4_17-19_20250519
				Lab Sample ID	460-326644-23	460-326644-24	460-326644-19	460-326644-25	460-326644-26	460-326644-27
				Sample Date	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
				Dilution Factor	1	1	1	1	1	50
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.001 UJ	0.00094 UJ	0.00098 U	0.00096 UJ	0.0011 UJ	0.11 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,1,2-Trichloroethane	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,1-Dichloroethane	0.27	47	0.27		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,1-Dichloroethene	0.24	0.98	0.33		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,2-Dichlorobenzene	1.1	100	1.1		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,2-Dichloroethane	0.02	5.8	0.02		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,2-Dichloropropane	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,3-Dichlorobenzene	2.6	38	2.6		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,4-Dichlorobenzene	1.8	24	1.8		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
2-Hexanone	NS	NS	NS		0.005 U	0.0047 U	0.0049 U	0.0048 U	0.0055 U	0.55 U
Acetone	**0.03**	100	0.03		**0.14**	0.0082	0.015	**0.082**	**0.094**	0.55 U
Acrolein	NS	NS	NS		0.1 U	0.094 U	0.098 U	0.096 U	0.11 U	0.55 U
Acrylonitrile	NS	NS	NS		0.01 U	0.0094 U	0.0098 U	0.0096 U	0.011 U	1.1 U
Benzene	0.06	3.7	0.06		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Bromochloromethane	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Bromodichloromethane	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Bromoform	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Bromomethane	NS	NS	NS		0.002 U	0.0019 U	0.002 U	0.0019 U	0.0022 U	0.11 U
Carbon Disulfide	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0079	0.11 U
Carbon Tetrachloride	0.76	7.1	0.76		0.001 UJ	0.00094 UJ	0.00098 UJ	0.00096 UJ	0.0011 UJ	0.11 U
Chlorobenzene	4.5	100	4.5		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Chloroethane	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Chloroform	0.37	24	0.37		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Chloromethane	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Cyclohexane	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Dibromochloromethane	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Dichlorodifluoromethane	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Ethylbenzene	**1**	76	1		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.052 J
Isopropylbenzene (Cumene)	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.33
M,P-Xylenes	NS	NS	NS		0.001 U	0.00094 U	0.00055 J	0.00041 J	0.00058 J	0.11 U
Methyl Acetate	NS	NS	NS		0.005 U	0.0047 U	0.0049 U	0.0048 U	0.0055 U	0.55 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.005 U	0.0047 U	0.0049 U	0.0068	0.013	0.55 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.005 U	0.0047 U	0.0049 U	0.0048 U	0.0055 U	0.55 U
Methylcyclohexane	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Methylene Chloride	0.05	81	0.05		0.002 U	0.0019 U	0.002 U	0.0019 U	0.0022 U	0.11 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.001 U	0.00094 U	0.00045 J	0.00096 U	0.0011 U	0.11 U
Styrene	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Tert-Butyl Alcohol	NS	NS	NS		0.14	0.027	0.051	0.05	0.089	1.1 U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Toluene	0.7	100	0.7		0.001 U	0.00094 U	0.00098 U	0.0003 J	0.0011 U	0.11 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Trichlorofluoromethane	NS	NS	NS		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Vinyl Chloride	0.03	0.48	0.03		0.001 U	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U

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

				AKRF Sample ID	SRI-B1-4_18-20_20250519	SRI-B1-4_22-24_20250520	SRI-B2-1_3-5_20250519	SRI-B2-1_8-10_20250519	SRI-B2-1_13-15_20250519	SRI-B2-1_18-20_20250519
				Lab Sample ID	460-326644-34	460-326580-15	460-326644-33	460-326644-37	460-326644-36	460-326644-35
				Sample Date	5/19/2025	5/20/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.00092 U	0.0011 UJ	0.0011 U	0.00099 U	0.001 U	0.0014 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.00092 UJ	0.0011 U	0.0011 UJ	0.00099 UJ	0.001 UJ	0.0014 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
1,1,2-Trichloroethane	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
1,1-Dichloroethane	0.27	47	0.27		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
1,1-Dichloroethene	0.24	0.98	0.33		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 UJ
1,2,4-Trichlorobenzene	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 UJ
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
1,2-Dichlorobenzene	1.1	100	1.1		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
1,2-Dichloroethane	0.02	5.8	0.02		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
1,2-Dichloropropane	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
1,3-Dichlorobenzene	2.6	38	2.6		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
1,4-Dichlorobenzene	1.8	24	1.8		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
2-Hexanone	NS	NS	NS		0.0046 U	0.0055 U	0.0057 U	0.0049 U	0.005 U	0.0069 U
Acetone	**0.03**	100	0.03		0.008	**0.034**	**0.043**	**0.15**	0.012	0.016
Acrolein	NS	NS	NS		0.092 U	0.11 U	0.11 U	0.099 U	0.1 U	0.14 U
Acrylonitrile	NS	NS	NS		0.0092 U	0.011 U	0.011 U	0.0099 U	0.01 U	0.014 U
Benzene	0.06	3.7	0.06		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Bromochloromethane	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Bromodichloromethane	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Bromoform	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Bromomethane	NS	NS	NS		0.0018 U	0.0022 U	0.0023 U	0.002 U	0.002 U	0.0028 U
Carbon Disulfide	NS	NS	NS		0.00092 U	0.00042 J	0.0011 U	0.00099 U	0.001 U	0.0014 U
Carbon Tetrachloride	0.76	7.1	0.76		0.00092 UJ	0.0011 UJ	0.0011 UJ	0.00099 UJ	0.001 UJ	0.0014 U
Chlorobenzene	4.5	100	4.5		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Chloroethane	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Chloroform	0.37	24	0.37		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Chloromethane	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Cyclohexane	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Dibromochloromethane	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Dichlorodifluoromethane	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Ethylbenzene	**1**	76	1		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
M,P-Xylenes	NS	NS	NS		0.00092 U	0.0011 U	0.00049 J	0.00099 U	0.001 U	0.0014 U
Methyl Acetate	NS	NS	NS		0.0046 U	0.0055 U	0.0057 U	0.0049 U	0.005 U	0.0069 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0046 U	0.0055 U	0.0057 U	0.0049 U	0.005 U	0.0069 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0046 U	0.0055 U	0.0057 U	0.0049 U	0.005 U	0.0069 U
Methylcyclohexane	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Methylene Chloride	0.05	81	0.05		0.0018 U	0.0022 U	0.0023 U	0.002 U	0.002 U	0.0028 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Styrene	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Tert-Butyl Alcohol	NS	NS	NS		0.02	0.033	0.12	0.15	0.029	0.014 U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Toluene	0.7	100	0.7		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Trichlorofluoromethane	NS	NS	NS		0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U	0.0014 U
Vinyl Chloride	0.03	0.48	0.03		0.00092 U	0.0011 UJ	0.0011 U	0.00099 U	0.001 U	0.0014 U

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

				AKRF Sample ID	SRI-B2-2_3-5_20250520	SRI-B2-2_8-10_20250520	SRI-B2-2_13-15_20250520	SRI-B2-3_3-5_20250519	SRI-B2-3_8-10_20250519	SRI-B2-3_13-15_20250519
				Lab Sample ID	460-326580-5	460-326580-6	460-326580-7	460-326644-38	460-326644-40	460-326644-39
				Sample Date	5/20/2025	5/20/2025	5/20/2025	5/19/2025	5/19/2025	5/19/2025
				Dilution Factor	1	1	1	1	1	50
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0011 U	0.0011 U	0.0017 UJ	0.0011 U	0.0012 UJ	0.14 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0011 UJ	0.0011 UJ	0.0017 U	0.0011 UJ	0.0012 U	0.14 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0011 U	0.0011 UJ	0.0017 U	0.0011 U	0.0012 U	0.14 U
1,1,2-Trichloroethane	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
1,1-Dichloroethane	0.27	47	0.27		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
1,2-Dichloropropane	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
2-Hexanone	NS	NS	NS		0.0053 U	0.0056 U	0.0086 U	0.0057 U	0.0058 U	0.71 U
Acetone	**0.03**	100	0.03		0.016	0.0067 U	0.019	0.018	**0.21**	0.71 U
Acrolein	NS	NS	NS		0.11 U	0.11 U	0.17 U	0.11 U	0.12 U	0.71 U
Acrylonitrile	NS	NS	NS		0.011 U	0.011 U	0.017 U	0.011 U	0.012 U	1.4 U
Benzene	0.06	3.7	0.06		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Bromochloromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Bromodichloromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Bromoform	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Bromomethane	NS	NS	NS		0.0021 U	0.0022 U	0.0034 U	0.0023 U	0.0023 U	0.14 U
Carbon Disulfide	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0011 UJ	0.0011 UJ	0.0017 UJ	0.0011 UJ	0.0012 UJ	0.14 U
Chlorobenzene	4.5	100	4.5		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Chloroethane	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Chloroform	0.37	24	0.37		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Chloromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Cyclohexane	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Dibromochloromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Dichlorodifluoromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Ethylbenzene	**1**	76	1		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.69
M,P-Xylenes	NS	NS	NS		0.00065 J	0.0011	0.0017 U	0.0011 U	0.0012 U	0.14 U
Methyl Acetate	NS	NS	NS		0.0053 U	0.0056 U	0.0086 U	0.0057 U	0.0058 U	0.71 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0036 J	0.0056 U	0.0086 U	0.0057 U	0.0058 U	0.71 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0053 U	0.0056 U	0.0086 U	0.0057 U	0.0058 U	0.71 U
Methylcyclohexane	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Methylene Chloride	0.05	81	0.05		0.0021 U	0.0022 U	0.0034 U	0.0023 U	0.0023 U	0.14 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0011 U	0.00056 J	0.0017 U	0.0011 U	0.0012 U	0.14 U
Styrene	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Tert-Butyl Alcohol	NS	NS	NS		0.017	0.017	0.058	0.047	0.21	1.4 U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.00058 JK	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Toluene	0.7	100	0.7		0.00025 J	0.0018	0.0017 U	0.0011 U	0.0012 U	0.14 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Trichlorofluoromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0012 U	0.14 U
Vinyl Chloride	0.03	0.48	0.03		0.0011 U	0.0011 U	0.0017 UJ	0.0011 U	0.0012 UJ	0.14 U

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

				AKRF Sample ID	SRI-B2-3_17-19_20250519	SRI-B2-3_22-24_20250520	SRI-B2-4_3-5_20250519	SRI-B2-4_7-9_20250519	SRI-B2-4_13-15_20250519	SRI-B3-1_3-5_20250521
				Lab Sample ID	460-326644-41	460-326580-16	460-326644-42	460-326644-43	460-326644-44	460-326694-20
				Sample Date	5/19/2025	5/20/2025	5/19/2025	5/19/2025	5/19/2025	5/21/2025
				Dilution Factor	50	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
1,1,2-Trichloroethane	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
1,1-Dichloroethane	0.27	47	0.27		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
1,1-Dichloroethene	0.24	0.98	0.33		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.099 U	0.0013 UJ	0.0012 U	0.0011 U	0.0012 U	0.0024 UJ
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
1,2-Dichlorobenzene	1.1	100	1.1		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
1,2-Dichloroethane	0.02	5.8	0.02		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
1,2-Dichloropropane	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
1,3-Dichlorobenzene	2.6	38	2.6		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
1,4-Dichlorobenzene	1.8	24	1.8		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
2-Hexanone	NS	NS	NS		0.49 U	0.0063 U	0.0058 U	0.0055 U	0.0058 U	0.012 U
Acetone	**0.03**	100	0.03		0.49 U	**0.071**	**0.2**	**0.032**	**0.16**	**0.065**
Acrolein	NS	NS	NS		0.49 U	0.13 U	0.12 U	0.11 U	0.12 U	0.24 U
Acrylonitrile	NS	NS	NS		0.99 U	0.013 U	0.012 U	0.011 U	0.012 U	0.024 U
Benzene	0.06	3.7	0.06		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Bromochloromethane	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Bromodichloromethane	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Bromoform	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Bromomethane	NS	NS	NS		0.099 U	0.0025 U	0.0023 U	0.0022 U	0.0023 U	0.0047 U
Carbon Disulfide	NS	NS	NS		0.099 UJ	0.00082 J	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Carbon Tetrachloride	0.76	7.1	0.76		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Chlorobenzene	4.5	100	4.5		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Chloroethane	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Chloroform	0.37	24	0.37		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Chloromethane	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Cyclohexane	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Dibromochloromethane	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Dichlorodifluoromethane	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Ethylbenzene	**1**	76	1		0.099 U	0.0034	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.099 U	0.0047	0.0012 U	0.0011 U	0.0012 U	0.0024 U
M,P-Xylenes	NS	NS	NS		0.099 U	0.0021	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Methyl Acetate	NS	NS	NS		0.15 J	0.0063 U	0.0058 U	0.0055 U	0.0058 U	0.012 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.49 U	0.013	0.0058 U	0.0055 U	0.0058 U	0.012 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.49 U	0.0063 U	0.0058 U	0.0055 U	0.0058 U	0.012 U
Methylcyclohexane	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Methylene Chloride	0.05	81	0.05		0.099 U	0.0025 U	0.0023 U	0.0022 U	0.0023 U	0.0047 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.099 U	0.00058 J	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Styrene	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Tert-Butyl Alcohol	NS	NS	NS		0.99 U	0.057	0.045	0.022	0.038	0.18
Tert-Butyl Methyl Ether	0.1	100	0.1		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Toluene	0.7	100	0.7		0.099 U	0.00093 J	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.099 U	0.0013 U	0.0012 UJ	0.0011 UJ	0.0012 UJ	0.0024 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Trichlorofluoromethane	NS	NS	NS		0.099 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0024 U
Vinyl Chloride	0.03	0.48	0.03		0.099 U	0.0013 U	0.0012 UJ	0.0011 UJ	0.0012 UJ	0.0024 U

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

				AKRF Sample ID	SRI-X-6_3-5_20250521	SRI-B3-1_5-7_20250521	SRI-B3-2A_16-18_20250521	SRI-B3-2B_8-10_20250521	SRI-B3-2B_12-14_20250521	SRI-B3-2C_3-5_20250521
				Lab Sample ID	460-326694-19	460-326694-21	460-326694-15	460-326694-13	460-326694-14	460-326694-27
				Sample Date	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 UJ	0.0011 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
1,1-Dichloroethane	0.27	47	0.27		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 UJ	0.0011 UJ	0.0012 UJ
1,2,4-Trichlorobenzene	NS	NS	NS		0.0014 UJ	0.0015 U	0.0013 U	0.001 UJ	0.0011 UJ	0.0012 UJ
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0014 U	0.0015 UJ	0.0013 UJ	0.001 U	0.0011 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
2-Hexanone	NS	NS	NS		0.0069 U	0.0074 U	0.0064 U	0.0051 U	0.0053 U	0.0058 U
Acetone	**0.03**	100	0.03		0.024	**0.043**	0.011	0.016	0.027	0.0093
Acrolein	NS	NS	NS		0.14 U	0.15 U	0.13 U	0.1 U	0.11 U	0.12 U
Acrylonitrile	NS	NS	NS		0.014 U	0.015 U	0.013 U	0.01 U	0.011 U	0.012 U
Benzene	0.06	3.7	0.06		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Bromochloromethane	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Bromodichloromethane	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Bromoform	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Bromomethane	NS	NS	NS		0.0028 U	0.0029 U	0.0026 U	0.002 U	0.0021 U	0.0023 U
Carbon Disulfide	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Chlorobenzene	4.5	100	4.5		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Chloroethane	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Chloroform	0.37	24	0.37		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Chloromethane	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Cyclohexane	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Dibromochloromethane	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Dichlorodifluoromethane	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Ethylbenzene	**1**	76	1		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
M,P-Xylenes	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Methyl Acetate	NS	NS	NS		0.0069 U	0.0074 U	0.0064 U	0.0051 U	0.0053 U	0.0058 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0069 U	0.0074 U	0.0064 U	0.0051 U	0.0053 U	0.0058 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0069 U	0.0074 U	0.0064 U	0.0051 U	0.0053 U	0.0058 U
Methylcyclohexane	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Methylene Chloride	0.05	81	0.05		0.0028 U	0.0029 U	0.0026 U	0.002 U	0.0021 U	0.0023 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Styrene	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Tert-Butyl Alcohol	NS	NS	NS		0.061	0.12	0.022	0.067	0.092	0.019
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Toluene	0.7	100	0.7		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Trichlorofluoromethane	NS	NS	NS		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U
Vinyl Chloride	0.03	0.48	0.03		0.0014 U	0.0015 U	0.0013 U	0.001 U	0.0011 U	0.0012 U

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

				AKRF Sample ID	SRI-B3-3_8-10_20250521	SRI-B3-3_13-15_20250521	SRI-B3-3_18-20_20250521	SRI-B3-3B_3-5_20250521	SRI-B3-4_3-5_20250521	SRI-B3-4_6-8_20250521
				Lab Sample ID	460-326694-16	460-326694-17	460-326694-18	460-326694-28	460-326694-9	460-326694-10
				Sample Date	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,1-Dichloroethane	0.27	47	0.27		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 UJ	0.0011 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0014 UJ	0.001 UJ	0.001 UJ	0.0011 UJ	0.0011 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
2-Hexanone	NS	NS	NS		0.0071 U	0.005 U	0.005 U	0.0057 U	0.0055 U	0.0058 U
Acetone	**0.03**	100	0.03		0.03	0.019	0.02	0.012	0.013	0.007 U
Acrolein	NS	NS	NS		0.14 U	0.1 U	0.1 U	0.11 U	0.11 U	0.12 U
Acrylonitrile	NS	NS	NS		0.014 U	0.01 U	0.01 U	0.011 U	0.011 U	0.012 U
Benzene	0.06	3.7	0.06		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Bromochloromethane	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Bromodichloromethane	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Bromoform	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Bromomethane	NS	NS	NS		0.0028 U	0.002 U	0.002 U	0.0023 U	0.0022 U	0.0023 U
Carbon Disulfide	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Chlorobenzene	4.5	100	4.5		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Chloroethane	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Chloroform	0.37	24	0.37		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Chloromethane	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Cyclohexane	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Dibromochloromethane	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Dichlorodifluoromethane	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Ethylbenzene	**1**	76	1		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
M,P-Xylenes	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Methyl Acetate	NS	NS	NS		0.0071 U	0.005 U	0.005 U	0.0057 U	0.0055 U	0.0058 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0071 U	0.005 U	0.005 U	0.0057 U	0.0055 U	0.0058 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0071 U	0.005 U	0.005 U	0.0057 U	0.0055 U	0.0058 U
Methylcyclohexane	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Methylene Chloride	0.05	81	0.05		0.0028 U	0.002 U	0.002 U	0.0023 U	0.0022 U	0.0023 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Styrene	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Tert-Butyl Alcohol	NS	NS	NS		0.088	0.045	0.053	0.025	0.047	0.016
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Toluene	0.7	100	0.7		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Trichlorofluoromethane	NS	NS	NS		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Vinyl Chloride	0.03	0.48	0.03		0.0014 U	0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U

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

				AKRF Sample ID	SRI-B3-4_13-15_20250521	SRI-B3-4_16-18_20250521	SRI-B4-1A_3-5_20250521	SRI-B4-1A_8-10_20250521	SRI-B4-1A_13-15_20250521	SRI-B4-1B_3-5_20250522
				Lab Sample ID	460-326694-11	460-326694-12	460-326694-24	460-326694-25	460-326694-26	460-326756-4
				Sample Date	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/22/2025
				Dilution Factor	50	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
1,1,2-Trichloroethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
1,1-Dichloroethane	0.27	47	0.27		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
1,1-Dichloroethene	0.24	0.98	0.33		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.084 U	0.00096 U	0.0012 UJ	0.0012 UJ	0.00098 UJ	0.00087 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.084 U	0.00096 U	0.0012 UJ	0.0012 UJ	0.00098 UJ	0.00087 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
1,2-Dichlorobenzene	1.1	100	1.1		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
1,2-Dichloroethane	0.02	5.8	0.02		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
1,2-Dichloropropane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
1,3-Dichlorobenzene	2.6	38	2.6		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
1,4-Dichlorobenzene	1.8	24	1.8		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
2-Hexanone	NS	NS	NS		0.42 U	0.0048 U	0.0059 U	0.006 U	0.0049 U	0.0044 U
Acetone	**0.03**	100	0.03		0.42 U	0.022	0.0086	0.02	0.0059 U	0.0089
Acrolein	NS	NS	NS		0.42 U	0.096 U	0.12 U	0.12 U	0.098 U	0.087 U
Acrylonitrile	NS	NS	NS		0.84 U	0.0096 U	0.012 U	0.012 U	0.0098 U	0.0087 U
Benzene	0.06	3.7	0.06		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Bromochloromethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Bromodichloromethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Bromoform	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Bromomethane	NS	NS	NS		0.084 U	0.0019 U	0.0024 U	0.0024 U	0.002 U	0.0017 U
Carbon Disulfide	NS	NS	NS		0.084 U	0.0011	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Carbon Tetrachloride	0.76	7.1	0.76		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Chlorobenzene	4.5	100	4.5		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Chloroethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Chloroform	0.37	24	0.37		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Chloromethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Cyclohexane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.0049
Dibromochloromethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Dichlorodifluoromethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Ethylbenzene	**1**	76	1		0.31	0.032	0.0012 U	0.0012 U	0.00098 U	0.0031
Isopropylbenzene (Cumene)	NS	NS	NS		0.55	0.054	0.0012 U	0.0012 U	0.00098 U	0.00082 J
M,P-Xylenes	NS	NS	NS		1.3	0.15	0.0012 U	0.0012 U	0.00098 U	0.0077
Methyl Acetate	NS	NS	NS		0.42 U	0.0048 U	0.0059 U	0.006 U	0.0049 U	0.0044 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.42 U	0.0051	0.0059 U	0.006 U	0.0049 U	0.0044 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.42 U	0.0048 U	0.0059 U	0.006 U	0.0049 U	0.0044 U
Methylcyclohexane	NS	NS	NS		0.084 U	0.038	0.0012 U	0.0012 U	0.00098 U	0.024
Methylene Chloride	0.05	81	0.05		0.084 U	0.0019 U	0.0024 U	0.0024 U	0.002 U	0.0017 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.35	0.048	0.0012 U	0.0012 U	0.00098 U	0.0008 J
Styrene	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Tert-Butyl Alcohol	NS	NS	NS		0.84 U	0.024	0.024	0.034	0.0081 J	0.0087 U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Toluene	0.7	100	0.7		0.084 U	0.00034 J	0.0012 U	0.0012 U	0.00025 J	0.00087 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Trichlorofluoromethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U
Vinyl Chloride	0.03	0.48	0.03		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U	0.00087 U

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

				AKRF Sample ID	SRI-B4-1B_8-10_20250522	SRI-B4-1B_10-12_20250522	SRI-B4-1B_15-17_20250522	SRI-B4-2A_3-5_20250522	SRI-B4-2A_8-10_20250522	SRI-B4-2A_11-13_20250522
				Lab Sample ID	460-326756-5	460-326756-6	460-326756-7	460-326756-8	460-326756-9	460-326756-10
				Sample Date	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
1,1-Dichloroethane	0.27	47	0.27		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
1,2-Dichloropropane	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
2-Hexanone	NS	NS	NS		0.0086 U	0.0057 U	0.0072 U	0.0049 U	0.0057 U	0.0065 U
Acetone	**0.03**	100	0.03		0.01 U	0.0068 U	0.0087 U	**0.039**	0.0069 U	**0.039**
Acrolein	NS	NS	NS		0.17 U	0.11 U	0.14 U	0.098 U	0.11 U	0.13 U
Acrylonitrile	NS	NS	NS		0.017 U	0.011 U	0.014 U	0.0098 U	0.011 U	0.013 U
Benzene	0.06	3.7	0.06		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Bromochloromethane	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Bromodichloromethane	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Bromoform	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Bromomethane	NS	NS	NS		0.0034 U	0.0023 U	0.0029 U	0.002 U	0.0023 U	0.0026 U
Carbon Disulfide	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Chlorobenzene	4.5	100	4.5		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Chloroethane	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Chloroform	0.37	24	0.37		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Chloromethane	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Cyclohexane	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Dibromochloromethane	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Dichlorodifluoromethane	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Ethylbenzene	**1**	76	1		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
M,P-Xylenes	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.00051 J	0.0013 U
Methyl Acetate	NS	NS	NS		0.0086 U	0.0057 U	0.0072 U	0.0049 U	0.0057 U	0.0065 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0086 U	0.0057 U	0.0072 U	0.0049 U	0.0057 U	0.0065 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0086 U	0.0057 U	0.0072 U	0.0049 U	0.0057 U	0.0065 U
Methylcyclohexane	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Methylene Chloride	0.05	81	0.05		0.0034 U	0.0023 U	0.0029 U	0.002 U	0.0023 U	0.0026 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Styrene	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Tert-Butyl Alcohol	NS	NS	NS		0.017 U	0.011 U	0.014 U	0.013	0.011 U	0.017
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0017 U	0.0011 U	0.0014 U	0.00036 J	0.0011 U	0.0013 U
Toluene	0.7	100	0.7		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Trichlorofluoromethane	NS	NS	NS		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U
Vinyl Chloride	0.03	0.48	0.03		0.0017 U	0.0011 U	0.0014 U	0.00098 U	0.0011 U	0.0013 U

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

				AKRF Sample ID	SRI-B4-2B_18-20_20250522	SRI-B4-3_3-5_20250522	SRI-B4-3_8-10_20250522	SRI-B4-3_13-15_20250522	SRI-B4-3_15-17_20250522	SRI-B4-4_3-5_20250522
				Lab Sample ID	460-326756-13	460-326756-22	460-326756-23	460-326756-24	460-326756-25	460-326756-1
				Sample Date	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025
				Dilution Factor	50	1	1	50	50	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
1,1-Dichloroethane	0.27	47	0.27		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33		0.11 UJ	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
2-Hexanone	NS	NS	NS		0.57 U	0.0056 U	0.0074 U	0.39 U	0.55 U	0.0056 U
Acetone	**0.03**	100	0.03		0.57 U	0.0067 U	0.0089 U	0.39 U	0.55 U	0.0078
Acrolein	NS	NS	NS		0.57 U	0.11 U	0.15 U	0.39 U	0.55 U	0.11 U
Acrylonitrile	NS	NS	NS		1.1 U	0.011 U	0.015 U	0.78 U	1.1 U	0.011 UJ
Benzene	0.06	3.7	0.06		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Bromochloromethane	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Bromodichloromethane	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Bromoform	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Bromomethane	NS	NS	NS		0.11 U	0.0022 U	0.003 U	0.078 U	0.11 U	0.0022 U
Carbon Disulfide	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 UJ	0.11 UJ	0.0011 U
Carbon Tetrachloride	0.76	7.1	0.76		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Chlorobenzene	4.5	100	4.5		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Chloroethane	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Chloroform	0.37	24	0.37		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Chloromethane	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Cyclohexane	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.00026 J
Dibromochloromethane	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Ethylbenzene	**1**	76	1		0.14	0.0011 U	0.0015 U	0.073 J	0.065 J	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.21	0.0011 U	0.0015 U	2.1	0.61	0.0011 U
M,P-Xylenes	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Methyl Acetate	NS	NS	NS		0.57 U	0.0056 U	0.0074 U	0.39 U	0.55 U	0.0056 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.57 U	0.0056 U	0.0074 U	0.39 U	0.55 U	0.0056 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.57 U	0.0056 U	0.0074 U	0.39 U	0.55 U	0.0056 U
Methylcyclohexane	NS	NS	NS		7	0.0011 U	0.0015 U	13	1.1	0.00091 J
Methylene Chloride	0.05	81	0.05		0.11 U	0.0031	0.003 U	0.078 U	0.11 U	0.0019 J
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Styrene	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Tert-Butyl Alcohol	NS	NS	NS		1.1 U	0.011 U	0.015 U	0.78 U	1.1 U	0.011 U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.11 U	0.00034 J	0.0015 U	0.078 U	0.11 U	0.0011 U
Toluene	0.7	100	0.7		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U
Vinyl Chloride	0.03	0.48	0.03		0.11 U	0.0011 U	0.0015 U	0.078 U	0.11 U	0.0011 U

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

				AKRF Sample ID	SRI-B4-4_8-10_20250522		SRI-B4-4_13-15_20250522		SRI-B4-4_15-17_20250522		SRI-FB-2-20250519		SRI-FB-3_20250520		SRI-FB-4_20250520	
				Lab Sample ID	460-326756-2		460-326756-3		460-326756-17		460-327318-11		460-326580-4		460-326580-24	
				Sample Date	5/22/2025		5/22/2025		5/22/2025		5/22/2025		5/20/2025		5/20/2025	
				Dilution Factor	1		100		1		1		1		1	
				Unit	mg/kg		mg/kg		mg/kg		µg/L		µg/L		µg/L	
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
1,1,2-Trichloroethane	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	0.58	U	0.58	U	0.58	U
1,1-Dichloroethane	0.27	47	0.27		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
1,1-Dichloroethene	0.24	0.98	0.33		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
1,2-Dichlorobenzene	1.1	100	1.1		0.0013	U	0.067	J	0.0012	U	1	U	1	U	1	U
1,2-Dichloroethane	0.02	5.8	0.02		0.0013	U	0.18	U	0.0012	U	0.3	U	0.3	U	0.3	U
1,2-Dichloropropane	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	0.92	U	0.92	U	0.92	U
1,3-Dichlorobenzene	2.6	38	2.6		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
1,4-Dichlorobenzene	1.8	24	1.8		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
2-Hexanone	NS	NS	NS		0.0065	U	0.89	U	0.006	U	5	U	5	U	5	U
Acetone	**0.03**	100	0.03		**0.046**		0.89	U	**0.064**		5	U	5	U	5	U
Acrolein	NS	NS	NS		0.13	U	0.89	U	0.12	U	4	U	4	U	4	U
Acrylonitrile	NS	NS	NS		0.013	UJ	1.8	U	0.012	U	5	U	2	U	2	U
Benzene	0.06	3.7	0.06		0.0013	U	0.18	U	0.0012	U	0.45	U	0.45	U	0.45	U
Bromochloromethane	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
Bromodichloromethane	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	0.98	U	0.98	U	0.98	U
Bromoform	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
Bromomethane	NS	NS	NS		0.0026	U	0.18	U	0.0024	U	1	U	1	U	1	U
Carbon Disulfide	NS	NS	NS		0.0013	U	0.18	UJ	0.0012	U	1	U	1	U	1	U
Carbon Tetrachloride	0.76	7.1	0.76		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
Chlorobenzene	4.5	100	4.5		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
Chloroethane	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
Chloroform	0.37	24	0.37		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
Chloromethane	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	0.45	U	0.45	U	0.45	U
Cyclohexane	NS	NS	NS		0.0013	U	2.6		0.0012	U	1	U	1	U	1	U
Dibromochloromethane	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	0.78	U	0.78	U	0.78	U
Dichlorodifluoromethane	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
Ethylbenzene	**1**	76	1		0.0013	U	**9.8**		0.0041		1	U	1	U	1	U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0013	U	3.6		0.0016		1	U	1	U	1	U
M,P-Xylenes	NS	NS	NS		0.0013	U	25		0.018		1	U	1	U	1	U
Methyl Acetate	NS	NS	NS		0.0065	U	0.89	U	0.006	U	5	U	5	U	5	U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0065	U	0.89	U	0.0072		5	U	5	U	5	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0065	U	0.89	U	0.006	U	5	U	5	U	5	U
Methylcyclohexane	NS	NS	NS		0.0011	J	30		0.11		1	U	1	U	1	U
Methylene Chloride	0.05	81	0.05		0.0026	U	0.18	U	0.0021	J	1	U	1	U	1	U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0013	U	0.46		0.0012	U	1	U	1	U	1	U
Styrene	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
Tert-Butyl Alcohol	NS	NS	NS		0.023		1.8	U	0.018		10	U	10	U	10	U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0013	U	0.18	U	0.0012	U	0.4	U	0.4	U	0.4	U
Toluene	0.7	100	0.7		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0013	U	0.18	UJ	0.0012	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	0.45	U	0.45	U	0.45	U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0013	U	0.18	UJ	0.0012	U	0.28	U	0.28	U	0.28	U
Trichlorofluoromethane	NS	NS	NS		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U
Vinyl Chloride	0.03	0.48	0.03		0.0013	U	0.18	U	0.0012	U	1	U	1	U	1	U

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

				AKRF Sample ID	SRI-FB-5_20250521	SRI-FB-6_20250521	SRI-FB-7_20250522	SRI-TB-3_20250520	SRI-TB-4_20250520	SRI-TB-5_20250521
				Lab Sample ID	460-326694-7	460-326694-8	460-326756-12	460-326580-25	460-326580-26	460-326694-22
				Sample Date	5/21/2025	5/21/2025	5/22/2025	5/20/2025	5/20/2025	5/21/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	NS		0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
1,1-Dichloroethane	0.27	47	0.27		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.24	0.98	0.33		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1.1		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	5.8	0.02		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,2-Dichloropropane	NS	NS	NS		0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,3-Dichlorobenzene	2.6	38	2.6		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1.8	24	1.8		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	NS	NS	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	**0.03**	100	0.03		5 U	5 U	5 U	5 U	5 U	5 U
Acrolein	NS	NS	NS		4 UJ	4 UJ	4 U	4 U	4 U	4 UJ
Acrylonitrile	NS	NS	NS		2 U	2 U	5 U	2 U	2 U	2 U
Benzene	0.06	3.7	0.06		0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Bromochloromethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	NS	NS	NS		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Bromoform	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	NS	NS	NS		1 U	1 U	1 UJ	1 U	1 U	1 U
Carbon Tetrachloride	0.76	7.1	0.76		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	4.5	100	4.5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	0.37	24	0.37		1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Cyclohexane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	NS	NS	NS		0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
Dichlorodifluoromethane	NS	NS	NS		1 U	1 U	1 UJ	1 U	1 U	1 U
Ethylbenzene	**1**	76	1		1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	NS	NS		5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	0.05	81	0.05		1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Alcohol	NS	NS	NS		10 U	10 U	10 U	10 U	10 U	10 U
Tert-Butyl Methyl Ether	0.1	100	0.1		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Toluene	0.7	100	0.7		1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19		1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Trichlorofluoromethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	0.03	0.48	0.03		1 U	1 U	1 U	1 U	1 U	1 U

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

				AKRF Sample ID	SRI-TB-6_20250521		SRI-TB-7_20250522		TRIP BLANK	
				Lab Sample ID	460-326694-23		460-326756-11		460-327318-12	
				Sample Date	5/21/2025		5/22/2025		5/22/2025	
				Dilution Factor	1		1		1	
				Unit	µg/L		µg/L		µg/L	
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC	Q	CONC	Q	CONC	Q
1,1,1-Trichloroethane	0.68	100	0.68		1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.2	U	0.2	U	0.2	U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		1	U	1	U	1	U
1,1,2-Trichloroethane	NS	NS	NS		0.58	U	0.58	U	0.58	U
1,1-Dichloroethane	0.27	47	0.27		1	U	1	U	1	U
1,1-Dichloroethene	0.24	0.98	0.33		1	U	1	U	1	U
1,2,3-Trichlorobenzene	NS	NS	NS		1	U	1	U	1	U
1,2,4-Trichlorobenzene	NS	NS	NS		1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		1	U	1	U	1	U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		1	U	1	U	1	U
1,2-Dichlorobenzene	1.1	100	1.1		1	U	1	U	1	U
1,2-Dichloroethane	0.02	5.8	0.02		0.3	U	0.3	U	0.3	U
1,2-Dichloropropane	NS	NS	NS		0.92	U	0.92	U	0.92	U
1,3-Dichlorobenzene	2.6	38	2.6		1	U	1	U	1	U
1,4-Dichlorobenzene	1.8	24	1.8		1	U	1	U	1	U
2-Hexanone	NS	NS	NS		5	U	5	U	5	U
Acetone	**0.03**	100	0.03		5	U	5	U	5	U
Acrolein	NS	NS	NS		4	UJ	4	U	4	U
Acrylonitrile	NS	NS	NS		2	U	5	U	5	U
Benzene	0.06	3.7	0.06		0.45	U	0.45	U	0.45	U
Bromochloromethane	NS	NS	NS		1	U	1	U	1	U
Bromodichloromethane	NS	NS	NS		0.98	U	0.98	U	0.98	U
Bromoform	NS	NS	NS		1	U	1	U	1	U
Bromomethane	NS	NS	NS		1	U	1	U	1	U
Carbon Disulfide	NS	NS	NS		1	U	1	UJ	1	U
Carbon Tetrachloride	0.76	7.1	0.76		1	U	1	U	1	U
Chlorobenzene	4.5	100	4.5		1	U	1	U	1	U
Chloroethane	NS	NS	NS		1	U	1	U	1	U
Chloroform	0.37	24	0.37		1	U	1	U	1	U
Chloromethane	NS	NS	NS		1	U	1	U	1	U
Cis-1,2-Dichloroethylene	0.19	41	0.19		1	U	1	U	1	U
Cis-1,3-Dichloropropene	NS	NS	NS		0.45	U	0.45	U	0.45	U
Cyclohexane	NS	NS	NS		1	U	1	U	1	U
Dibromochloromethane	NS	NS	NS		0.78	U	0.78	U	0.78	U
Dichlorodifluoromethane	NS	NS	NS		1	U	1	UJ	1	U
Ethylbenzene	**1**	76	1		1	U	1	U	1	U
Isopropylbenzene (Cumene)	NS	NS	NS		1	U	1	U	1	U
M,P-Xylenes	NS	NS	NS		1	U	1	U	1	U
Methyl Acetate	NS	NS	NS		5	U	5	U	5	U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		5	U	5	U	5	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		5	U	5	U	5	U
Methylcyclohexane	NS	NS	NS		1	U	1	U	1	U
Methylene Chloride	0.05	81	0.05		1	U	1	U	1	U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		1	U	1	U	1	U
Styrene	NS	NS	NS		1	U	1	U	1	U
Tert-Butyl Alcohol	NS	NS	NS		10	U	10	U	10	U
Tert-Butyl Methyl Ether	0.1	100	0.1		1	U	1	U	1	U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.4	U	0.4	U	0.4	U
Toluene	0.7	100	0.7		1	U	1	U	1	U
Trans-1,2-Dichloroethene	0.19	100	0.19		1	U	1	U	1	U
Trans-1,3-Dichloropropene	NS	NS	NS		0.45	U	0.45	U	0.45	U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.28	U	0.28	U	0.28	U
Trichlorofluoromethane	NS	NS	NS		1	U	1	U	1	U
Vinyl Chloride	0.03	0.48	0.03		1	U	1	U	1	U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-A1-1_3-5_20250519	SRI-A1-1_8-10_20250519	SRI-A1-1_13-15_20250519	SRI-A1-2_3-5_20250519	SRI-A1-2_8-10_20250519	SRI-A1-2_13-15_20250519	SRI-A1-3_3-5_20250519
		Lab Sample ID	460-326755-1	460-326755-2	460-326755-3	460-326755-4	460-326755-5	460-326755-6	460-326755-7
		Sample Date	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
		Dilution Factor	1	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
1,2-Diphenylhydrazine	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.036 U	0.036 U	0.038 U	0.037 U	0.037 U	0.036 U	0.039 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.16 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.16 U
2,4-Dimethylphenol	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.29 U	0.31 U	0.3 U	0.3 U	0.29 U	0.31 U
2,4-Dinitrotoluene	NS	NS	0.074 U	0.074 U	0.077 U	0.075 U	0.074 U	0.073 U	0.079 U
2,6-Dinitrotoluene	NS	NS	0.074 U	0.074 U	0.077 U	0.075 U	0.074 U	0.073 U	0.079 U
2-Chloronaphthalene	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
2-Chlorophenol	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
2-Methylnaphthalene	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.016 J	0.031 J	0.39 U
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
2-Nitroaniline	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
2-Nitrophenol	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.16 U
3-Nitroaniline	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.29 U	0.31 U	0.3 U	0.3 U	0.29 U	0.31 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
4-Chloroaniline	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
4-Methylphenol (P-Cresol)	0.33	100	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
4-Nitroaniline	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
4-Nitrophenol	NS	NS	0.74 U	0.74 U	0.77 U	0.75 U	0.74 U	0.73 U	0.79 U
Acenaphthene	20	100	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.018 J
Acenaphthylene	100	100	0.053 J	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.052 J
Acetophenone	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Anthracene	100	100	0.022 J	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.056 J
Atrazine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.16 U
Benzaldehyde	NS	NS	0.36 UJ	0.36 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.36 UJ	0.39 UJ
Benzidine	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Benzo(a)Anthracene	**1**	1.4	0.12	0.036 U	0.038 U	0.037	0.037 U	0.036 U	0.26
Benzo(a)Pyrene	**1**	1	0.17	0.036 U	0.038 U	0.044	0.016 J	0.024 J	0.33
Benzo(b)Fluoranthene	**1**	1.4	0.31	0.036 U	0.038 U	0.054	0.013 J	0.053 J	0.41
Benzo(g,h,i)Perylene	**0.64**	4.9	0.2 J	0.36 U	0.38 U	0.031 J	0.03 J	0.033 J	0.28 J
Benzo(k)Fluoranthene	**0.8**	4.9	0.11	0.036 U	0.038 U	0.02 J	0.037 U	0.02 J	0.15
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.036 U	0.038 U	0.037 U	0.037 U	0.036 U	0.039 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Caprolactam	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Carbazole	NS	NS	0.033 J	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.025 J
Chrysene	**1**	4.9	0.22 J	0.36 U	0.38 U	0.034 J	0.37 U	0.027 J	0.3 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.039	0.036 U	0.038 U	0.037 U	0.037 U	0.036 U	0.056
Dibenzofuran	NS	18	0.013 J	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Diethyl Phthalate	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Dimethyl Phthalate	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.029 J
Di-N-Octylphthalate	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Fluoranthene	85	100	0.4	0.36 U	0.38 U	0.056 J	0.37 U	0.016 J	0.55
Fluorene	30	100	0.011 J	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.016 J
Hexachlorobenzene	0.33	0.33	0.036 U	0.036 U	0.038 U	0.037 U	0.037 U	0.036 U	0.039 U
Hexachlorobutadiene	NS	NS	0.074 U	0.074 U	0.077 U	0.075 U	0.074 U	0.073 U	0.079 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Hexachloroethane	NS	NS	0.036 U	0.036 U	0.038 U	0.037 U	0.037 U	0.036 U	0.039 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	0.2	0.036 U	0.038 U	0.028 J	0.031 J	0.041 J	0.24
Isophorone	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.16 U
Naphthalene	12	100	0.008 J	0.36 U	0.38 U	0.37 U	0.013 J	0.02 J	0.02 J
Nitrobenzene	0.08	1.8	0.036 U	0.036 U	0.038 U	0.037 U	0.037 U	0.036 U	0.039 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.036 U	0.038 U	0.037 U	0.037 U	0.036 U	0.039 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Pentachlorophenol	0.8	1.3	0.29 U	0.29 U	0.31 U	0.3 U	0.3 U	0.29 U	0.31 U
Phenanthrene	**1.1**	4.9	0.28 J	0.36 U	0.38 U	0.019 J	0.37 U	0.36 U	0.28 J
Phenol	0.33	100	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U
Pyrene	64	100	0.33 J	0.36 U	0.38 U	0.051 J	0.011 J	0.024 J	0.51
Pyridine	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U	0.39 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-A1-3_7-9_20250519	SRI-A1-4_3-5_20250519	SRI-A2-1_3-5_20250520	SRI-A2-1_8-10_20250520	SRI-A2-1_13-15_20250520	SRI-X-3_13-15_20250520	SRI-A2-2_3-5_20250520
		Lab Sample ID	460-326755-8	460-326755-11	460-327049-11	460-327049-12	460-327049-13	460-327049-14	460-327049-8
		Sample Date	5/19/2025	5/19/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
		Dilution Factor	1	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
1,2-Diphenylhydrazine	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.036 U	0.036 UJ	0.036 U	0.036 U	0.037 U	0.036 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.36 U	0.36 UJ	0.36 UJ	0.36 UJ	0.37 UJ	0.36 UJ	0.36 UJ
2,4-Dinitrophenol	NS	NS	0.29 U	0.29 UJ	0.29 U	0.29 U	0.3 U	0.29 U	0.29 U
2,4-Dinitrotoluene	NS	NS	0.073 U	0.073 U	0.072 U	0.072 U	0.076 U	0.072 U	0.072 U
2,6-Dinitrotoluene	NS	NS	0.073 U	0.073 U	0.072 U	0.072 U	0.076 U	0.072 U	0.072 U
2-Chloronaphthalene	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
2-Chlorophenol	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
2-Methylnaphthalene	NS	NS	0.36 U	0.36 U	0.36 U	0.015 J	0.37 U	0.36 U	0.36 U
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
2-Nitroaniline	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
2-Nitrophenol	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.29 UJ	0.29 U	0.29 U	0.3 U	0.29 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
4-Chloroaniline	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
4-Methylphenol (P-Cresol)	0.33	100	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
4-Nitroaniline	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
4-Nitrophenol	NS	NS	0.73 U	0.73 U	0.72 U	0.72 U	0.76 U	0.72 U	0.72 U
Acenaphthene	20	100	0.36 U	0.36 U	0.36 U	0.06 J	0.37 U	0.36 U	0.36 U
Acenaphthylene	100	100	0.017 J	0.015 J	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
Acetophenone	NS	NS	0.36 U	0.36 UJ	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
Anthracene	100	100	0.36 U	0.014 J	0.022 J	0.092 J	0.37 U	0.36 U	0.36 U
Atrazine	NS	NS	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U	0.14 U
Benzaldehyde	NS	NS	0.36 UJ	0.36 UJ	0.36 UJ	0.36 UJ	0.37 UJ	0.36 UJ	0.36 UJ
Benzidine	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
Benzo(a)Anthracene	**1**	1.4	0.076	0.091	0.11	0.22	0.037 U	0.036 U	0.035 J
Benzo(a)Pyrene	**1**	1	0.11	0.11	0.11	0.22	0.037 U	0.018 J	0.036
Benzo(b)Fluoranthene	**1**	1.4	0.16	0.15	0.15	0.28	0.037 U	0.024 J	0.047
Benzo(g,h,i)Perylene	**0.64**	4.9	0.11 J	0.1 J	0.079 J	0.12 J	0.37 U	0.013 J	0.027 J
Benzo(k)Fluoranthene	**0.8**	4.9	0.052	0.054	0.058	0.11	0.037 U	0.0093 J	0.017 J
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.036 U	0.036 U	0.036 U	0.037 U	0.036 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.053 J	0.37 U	0.36 U	0.36 U
Caprolactam	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
Carbazole	NS	NS	0.36 U	0.36 U	0.36 U	0.043 J	0.37 U	0.36 U	0.36 U
Chrysene	**1**	4.9	0.1 J	0.1 J	0.11 J	0.2 J	0.37 U	0.36 U	0.035 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.019 J	0.02 J	0.02 J	0.033 J	0.037 U	0.036 U	0.036 U
Dibenzofuran	NS	18	0.36 U	0.36 U	0.36 U	0.027 J	0.37 U	0.36 U	0.36 U
Diethyl Phthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
Dimethyl Phthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.016 J	0.019 J	0.36 U	0.37 U	0.36 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
Fluoranthene	85	100	0.16 J	0.15 J	0.22 J	0.5	0.37 U	0.029 J	0.067 J
Fluorene	30	100	0.36 U	0.36 U	0.36 U	0.042 J	0.37 U	0.36 U	0.36 U
Hexachlorobenzene	0.33	0.33	0.036 U	0.036 U	0.036 U	0.036 U	0.037 U	0.036 U	0.036 U
Hexachlorobutadiene	NS	NS	0.073 U	0.073 U	0.072 U	0.072 U	0.076 U	0.072 U	0.072 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
Hexachloroethane	NS	NS	0.036 U	0.036 UJ	0.036 U	0.036 U	0.037 U	0.036 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	0.093	0.086	0.077	0.12	0.037 U	0.036 U	0.025 J
Isophorone	NS	NS	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U	0.14 U
Naphthalene	12	100	0.011 J	0.0089 J	0.36 U	0.031 J	0.37 U	0.36 U	0.36 U
Nitrobenzene	0.08	1.8	0.036 U	0.036 U	0.036 U	0.036 U	0.037 U	0.036 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.036 U	0.036 U	0.036 U	0.037 U	0.036 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
Pentachlorophenol	0.8	1.3	0.29 U	0.29 U	0.29 U	0.29 U	0.3 U	0.29 U	0.29 U
Phenanthrene	**1.1**	4.9	0.059 J	0.064 J	0.1 J	0.38	0.37 U	0.019 J	0.037 J
Phenol	0.33	100	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U
Pyrene	64	100	0.14 J	0.16 J	0.18 J	0.36	0.37 U	0.025 J	0.056 J
Pyridine	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-A2-2_8-10_20250520	SRI-A2-2_13-15_20250520	SRI-A2-3_3-5_20250520	SRI-A2-3_8-10_20250520	SRI-A2-3_10-12_20250520	SRI-A2-4_3-5_20250520	SRI-A2-4_8-10_20250520
		Lab Sample ID	460-327049-9	460-327049-10	460-327049-15	460-327049-16	460-327049-17	460-327049-1	460-327049-2
		Sample Date	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
		Dilution Factor	1	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
1,2-Diphenylhydrazine	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.036 U	0.035 U	0.037 U	0.036 U	0.036 U	0.035 U	0.035 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.36 UJ	0.35 UJ	0.37 UJ	0.36 UJ	0.36 UJ	0.35 UJ	0.35 UJ
2,4-Dinitrophenol	NS	NS	0.29 U	0.28 U	0.29 UJ	0.29 U	0.29 U	0.28 U	0.28 U
2,4-Dinitrotoluene	NS	NS	0.072 U	0.071 U	0.074 U	0.073 U	0.074 U	0.071 U	0.071 U
2,6-Dinitrotoluene	NS	NS	0.072 U	0.071 U	0.074 U	0.073 U	0.074 U	0.071 U	0.071 U
2-Chloronaphthalene	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
2-Chlorophenol	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
2-Methylnaphthalene	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
2-Nitroaniline	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
2-Nitrophenol	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.28 U	0.29 UJ	0.29 U	0.29 U	0.28 U	0.28 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
4-Chloroaniline	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
4-Methylphenol (P-Cresol)	0.33	100	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
4-Nitroaniline	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
4-Nitrophenol	NS	NS	0.72 U	0.71 U	0.74 U	0.73 U	0.74 U	0.71 U	0.71 U
Acenaphthene	20	100	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Acenaphthylene	100	100	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Acetophenone	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Anthracene	100	100	0.36 U	0.35 U	0.016 J	0.36 U	0.36 U	0.35 U	0.35 U
Atrazine	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U
Benzaldehyde	NS	NS	0.36 UJ	0.35 UJ	0.37 UJ	0.36 UJ	0.36 UJ	0.35 UJ	0.35 UJ
Benzidine	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Benzo(a)Anthracene	**1**	1.4	0.036 U	0.035 U	0.061	0.036 U	0.036 U	0.035 U	0.035 U
Benzo(a)Pyrene	**1**	1	0.036 U	0.035 U	0.056	0.036 U	0.036 U	0.035 U	0.035 U
Benzo(b)Fluoranthene	**1**	1.4	0.036 U	0.035 U	0.071	0.036 U	0.036 U	0.035 U	0.011 J
Benzo(g,h,i)Perylene	**0.64**	4.9	0.36 U	0.35 U	0.029 JL	0.36 U	0.36 U	0.35 U	0.35 U
Benzo(k)Fluoranthene	**0.8**	4.9	0.036 U	0.035 U	0.028 J	0.036 U	0.036 U	0.035 U	0.035 U
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.035 U	0.037 U	0.036 U	0.036 U	0.035 U	0.035 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Caprolactam	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Carbazole	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Chrysene	**1**	4.9	0.36 U	0.35 U	0.056 J	0.36 U	0.36 U	0.35 U	0.35 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.036 U	0.035 U	0.037 U	0.036 U	0.036 U	0.035 U	0.035 U
Dibenzofuran	NS	18	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Diethyl Phthalate	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Dimethyl Phthalate	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Fluoranthene	85	100	0.36 U	0.35 U	0.13 J	0.36 U	0.36 U	0.35 U	0.016 J
Fluorene	30	100	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Hexachlorobenzene	0.33	0.33	0.036 U	0.035 U	0.037 U	0.036 U	0.036 U	0.035 U	0.035 U
Hexachlorobutadiene	NS	NS	0.072 U	0.071 U	0.074 U	0.073 U	0.074 U	0.071 U	0.071 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.35 U	0.37 UJ	0.36 U	0.36 U	0.35 U	0.35 U
Hexachloroethane	NS	NS	0.036 U	0.035 U	0.037 U	0.036 U	0.036 U	0.035 U	0.035 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	0.036 U	0.035 U	0.03 J	0.036 U	0.036 U	0.035 U	0.035 U
Isophorone	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U
Naphthalene	12	100	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Nitrobenzene	0.08	1.8	0.036 U	0.035 U	0.037 U	0.036 U	0.036 U	0.035 U	0.035 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.035 U	0.037 U	0.036 U	0.036 U	0.035 U	0.035 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Pentachlorophenol	0.8	1.3	0.29 U	0.28 U	0.29 U	0.29 U	0.29 U	0.28 U	0.28 U
Phenanthrene	**1.1**	4.9	0.36 U	0.35 U	0.08 J	0.36 U	0.36 U	0.35 U	0.35 U
Phenol	0.33	100	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U
Pyrene	64	100	0.36 U	0.35 U	0.099 J	0.36 U	0.36 U	0.35 U	0.015 J
Pyridine	NS	NS	0.36 U	0.35 U	0.37 U	0.36 U	0.36 U	0.35 U	0.35 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-A2-4_13-15_20250520	SRI-A3-1_3-5_20250520	SRI-A3-1_8-10_20250520	SRI-A3-1_13-15_20250520	SRI-A3-2_3-5_20250520		SRI-A3-2_8-10_20250520
		Lab Sample ID	460-327049-3	460-327049-29	460-327049-30	460-327049-31	460-327049-26		460-327049-27
		Sample Date	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025		5/20/2025
		Dilution Factor	1	1	1	1	1	2	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
1,2-Diphenylhydrazine	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.035 U	0.037 U	0.036 U	0.034 U	0.034 U	NR	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
2,4,5-Trichlorophenol	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	NR	0.15 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	NR	0.15 U
2,4-Dimethylphenol	NS	NS	0.35 UJ	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
2,4-Dinitrophenol	NS	NS	0.28 U	0.3 U	0.29 U	0.27 U	0.28 U	NR	0.3 U
2,4-Dinitrotoluene	NS	NS	0.071 U	0.075 U	0.073 U	0.069 U	0.069 U	NR	0.075 U
2,6-Dinitrotoluene	NS	NS	0.071 U	0.075 U	0.073 U	0.069 U	0.069 U	NR	0.075 U
2-Chloronaphthalene	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
2-Chlorophenol	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
2-Methylnaphthalene	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
2-Methylphenol (O-Cresol)	0.33	100	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
2-Nitroaniline	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
2-Nitrophenol	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	NR	0.15 U
3-Nitroaniline	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.28 U	0.3 U	0.29 U	0.27 U	0.28 U	NR	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
4-Chloroaniline	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
4-Nitroaniline	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
4-Nitrophenol	NS	NS	0.71 U	0.75 U	0.73 U	0.69 U	0.69 U	NR	0.75 U
Acenaphthene	20	100	0.35 U	0.37 U	0.36 U	0.34 U	0.084 J	NR	0.37 U
Acenaphthylene	100	100	0.35 U	0.37 U	0.36 U	0.34 U	0.056 J	NR	0.37 U
Acetophenone	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
Anthracene	100	100	0.35 U	0.37 U	0.36 U	0.34 U	0.49	NR	0.37 U
Atrazine	NS	NS	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	NR	0.15 U
Benzaldehyde	NS	NS	0.35 UJ	0.37 UJ	0.36 UJ	0.34 UJ	0.34 UJ	NR	0.37 UJ
Benzidine	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
Benzo(a)Anthracene	**1**	1.4	0.035 U	0.049	0.036 U	0.034 U	**4.4**	NR	0.037 U
Benzo(a)Pyrene	**1**	1	0.035 U	0.048	0.036 U	0.034 U	**4**	NR	0.037 U
Benzo(b)Fluoranthene	**1**	1.4	0.035 U	0.064	0.036 U	0.034 U	**4.5**	NR	0.037 U
Benzo(g,h,i)Perylene	**0.64**	4.9	0.35 U	0.034 J	0.36 U	0.34 U	**2.2**	NR	0.37 U
Benzo(k)Fluoranthene	**0.8**	4.9	0.035 U	0.023 J	0.036 U	0.034 U	**1.9**	NR	0.037 U
Benzyl Butyl Phthalate	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
Biphenyl (Diphenyl)	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.035 U	0.037 U	0.036 U	0.034 U	0.034 U	NR	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
Caprolactam	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
Carbazole	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.055 J	NR	0.37 U
Chrysene	**1**	4.9	0.35 U	0.051 J	0.36 U	0.34 U	**4.5**	NR	0.37 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.035 U	0.023 J	0.036 U	0.034 U	**0.57**	NR	0.037 U
Dibenzofuran	NS	18	0.35 U	0.37 U	0.36 U	0.34 U	0.017 J	NR	0.37 U
Diethyl Phthalate	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
Dimethyl Phthalate	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.35 U	0.37 U	0.36 U	0.014 J	0.34 U	NR	0.37 U
Di-N-Octylphthalate	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
Fluoranthene	85	100	0.35 U	0.087 J	0.36 U	0.34 U	7.6	NR	0.37 U
Fluorene	30	100	0.35 U	0.37 U	0.36 U	0.34 U	0.068 J	NR	0.37 U
Hexachlorobenzene	0.33	0.33	0.035 U	0.037 U	0.036 U	0.034 U	0.034 U	NR	0.037 U
Hexachlorobutadiene	NS	NS	0.071 U	0.075 U	0.073 U	0.069 U	0.069 U	NR	0.075 U
Hexachlorocyclopentadiene	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
Hexachloroethane	NS	NS	0.035 U	0.037 U	0.036 U	0.034 U	0.034 U	NR	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	0.035 U	0.048	0.036 U	0.034 U	**2.3**	NR	0.037 U
Isophorone	NS	NS	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	NR	0.15 U
Naphthalene	12	100	0.35 U	0.37 U	0.36 U	0.34 U	0.013 J	NR	0.37 U
Nitrobenzene	0.08	1.8	0.035 U	0.037 U	0.036 U	0.034 U	0.034 U	NR	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.035 U	0.037 U	0.036 U	0.034 U	0.034 U	NR	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
Pentachlorophenol	0.8	1.3	0.28 U	0.3 U	0.29 U	0.27 U	0.28 U	NR	0.3 U
Phenanthrene	**1.1**	4.9	0.35 U	0.049 J	0.36 U	0.34 U	**2.9**	NR	0.37 U
Phenol	0.33	100	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U
Pyrene	64	100	0.35 U	0.078 J	0.36 U	0.34 U	NR	6.3 D	0.37 U
Pyridine	NS	NS	0.35 U	0.37 U	0.36 U	0.34 U	0.34 U	NR	0.37 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-A3-2_13-15_20250520	SRI-A3-3_3-5_20250520	SRI-A3-3_5-7_20250520	SRI-X-4_5-7_20250520	SRI-A3-3_13-15_20250520	SRI-A3-4_3-5_20250520	SRI-A3-4_6-8_20250520
		Lab Sample ID	460-327049-28	460-327049-18	460-327049-19	460-327049-21	460-327049-20	460-327049-23	460-327049-24
		Sample Date	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
		Dilution Factor	1	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
1,2-Diphenylhydrazine	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.037 U	0.035 U	0.038 U	0.037 U	0.035 U	0.035 U	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.37 U	0.35 UJ	0.38 UJ	0.37 UJ	0.35 U	0.35 UJ	0.37 U
2,4-Dinitrophenol	NS	NS	0.3 U	0.28 U	0.31 U	0.3 U	0.28 U	0.28 U	0.3 U
2,4-Dinitrotoluene	NS	NS	0.076 U	0.071 U	0.077 U	0.075 U	0.071 U	0.072 U	0.075 U
2,6-Dinitrotoluene	NS	NS	0.076 U	0.071 U	0.077 U	0.075 U	0.071 U	0.072 U	0.075 U
2-Chloronaphthalene	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
2-Chlorophenol	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
2-Methylnaphthalene	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
2-Nitroaniline	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
2-Nitrophenol	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U
3-Nitroaniline	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	0.28 U	0.31 U	0.3 U	0.28 UJ	0.28 U	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
4-Chloroaniline	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
4-Nitroaniline	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
4-Nitrophenol	NS	NS	0.76 U	0.71 U	0.77 U	0.75 U	0.71 U	0.72 U	0.75 U
Acenaphthene	20	100	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Acenaphthylene	100	100	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Acetophenone	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Anthracene	100	100	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.022 J
Atrazine	NS	NS	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U
Benzaldehyde	NS	NS	0.37 UJ	0.35 UJ	0.38 UJ	0.37 UJ	0.35 UJ	0.35 UJ	0.37 UJ
Benzidine	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Benzo(a)Anthracene	**1**	1.4	0.037 U	0.035 U	0.038 U	0.037 U	0.035 U	0.028 J	0.046
Benzo(a)Pyrene	**1**	1	0.037 U	0.014 J	0.038 U	0.037 U	0.035 U	0.023 J	0.043
Benzo(b)Fluoranthene	**1**	1.4	0.037 U	0.017 J	0.038 U	0.037 U	0.035 U	0.03 J	0.058
Benzo(g,h,i)Perylene	**0.64**	4.9	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.019 J	0.03 J
Benzo(k)Fluoranthene	**0.8**	4.9	0.037 U	0.035 U	0.038 U	0.037 U	0.035 U	0.012 J	0.022 J
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Biphenyl (Diphenyl)	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.035 U	0.038 U	0.037 U	0.035 U	0.035 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Caprolactam	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Carbazole	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Chrysene	**1**	4.9	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.022 J	0.053 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.037 U	0.035 U	0.038 U	0.037 U	0.035 U	0.035 U	0.023 J
Dibenzofuran	NS	18	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Diethyl Phthalate	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Dimethyl Phthalate	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.014 J	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Fluoranthene	85	100	0.37 U	0.02 J	0.38 U	0.37 U	0.35 U	0.043 J	0.1 J
Fluorene	30	100	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Hexachlorobenzene	0.33	0.33	0.037 U	0.035 U	0.038 U	0.037 U	0.035 U	0.035 U	0.037 U
Hexachlorobutadiene	NS	NS	0.076 U	0.071 U	0.077 U	0.075 U	0.071 U	0.072 U	0.075 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Hexachloroethane	NS	NS	0.037 U	0.035 U	0.038 U	0.037 U	0.035 U	0.035 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	0.037 U	0.035 U	0.038 U	0.037 U	0.035 U	0.016 J	0.043
Isophorone	NS	NS	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U
Naphthalene	12	100	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Nitrobenzene	0.08	1.8	0.037 U	0.035 U	0.038 U	0.037 U	0.035 U	0.035 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.035 U	0.038 U	0.037 U	0.035 U	0.035 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Pentachlorophenol	0.8	1.3	0.3 U	0.28 U	0.31 U	0.3 U	0.28 U	0.28 U	0.3 U
Phenanthrene	**1.1**	4.9	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.02 J	0.083 J
Phenol	0.33	100	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U
Pyrene	64	100	0.37 U	0.02 J	0.38 U	0.37 U	0.35 U	0.034 J	0.088 J
Pyridine	NS	NS	0.37 U	0.35 U	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-A3-4_13-15_20250520	SRI-A4-1_3-5_20250520	SRI-A4-2_3-5_20250520	SRI-A4-3_3-5_20250521	SRI-X-5_3-5_20250521	SRI-A4-3_8-10_20250521	SRI-A4-3_10-12_20250521
		Lab Sample ID	460-327049-25	460-327049-32	460-327049-34	460-326874-3	460-326874-6	460-326874-4	460-326874-5
		Sample Date	5/20/2025	5/20/2025	5/20/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025
		Dilution Factor	1	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
1,2-Diphenylhydrazine	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.035 U	0.035 U	0.036 U	0.037 U	0.036 U	0.038 U	0.035 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
2,4,5-Trichlorophenol	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 R
2,4-Dichlorophenol	NS	NS	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 R
2,4-Dimethylphenol	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 UJ	0.35 R
2,4-Dinitrophenol	NS	NS	0.28 U	0.29 U	0.29 U	0.3 U	0.29 U	0.3 UJ	0.29 R
2,4-Dinitrotoluene	NS	NS	0.072 U	0.072 U	0.073 U	0.075 U	0.073 U	0.076 U	0.072 U
2,6-Dinitrotoluene	NS	NS	0.072 U	0.072 U	0.073 U	0.075 U	0.073 U	0.076 U	0.072 U
2-Chloronaphthalene	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
2-Chlorophenol	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
2-Methylnaphthalene	NS	NS	0.35 U	0.017 J	0.36 U	0.014 J	0.033 J	0.38 U	0.014 J
2-Methylphenol (O-Cresol)	0.33	100	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
2-Nitroaniline	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
2-Nitrophenol	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U
3-Nitroaniline	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.28 U	0.29 U	0.29 U	0.3 U	0.29 U	0.3 UJ	0.29 R
4-Bromophenyl Phenyl Ether	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
4-Chloro-3-Methylphenol	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
4-Chloroaniline	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
4-Methylphenol (P-Cresol)	0.33	100	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
4-Nitroaniline	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
4-Nitrophenol	NS	NS	0.72 U	0.72 U	0.73 U	0.75 U	0.73 U	0.76 U	0.72 R
Acenaphthene	20	100	0.35 U	0.35 U	0.36 U	0.018 J	0.073 J	0.38 U	0.35 U
Acenaphthylene	100	100	0.35 U	0.16 J	0.36 U	0.034 J	0.085 J	0.014 J	0.024 J
Acetophenone	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Anthracene	100	100	0.35 U	0.074 J	0.36 U	0.079 J	0.21 J	0.023 J	0.046 J
Atrazine	NS	NS	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U
Benzaldehyde	NS	NS	0.35 UJ	0.35 UJ	0.36 UJ	0.37 UJ	0.36 UJ	0.38 UJ	0.35 UJ
Benzidine	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Benzo(a)Anthracene	**1**	1.4	0.035 U	0.32	0.036 U	0.41 JL	0.83 J	0.12	0.24
Benzo(a)Pyrene	**1**	1	0.035 U	0.44	0.021 J	0.44 JL	0.99 J	0.12	0.26
Benzo(b)Fluoranthene	**1**	1.4	0.035 U	0.6	0.026 J	0.53 JL	**1.6 J**	0.17	0.32
Benzo(g,h,i)Perylene	**0.64**	4.9	0.35 U	0.53	0.014 J	0.3 J	**0.72 J**	0.084 J	0.15 J
Benzo(k)Fluoranthene	**0.8**	4.9	0.035 U	0.2	0.011 J	0.19 JL	0.58 J	0.059	0.12
Benzyl Butyl Phthalate	NS	NS	0.35 U	0.11 J	0.36 U	0.039 J	0.024 J	0.022 J	0.033 J
Biphenyl (Diphenyl)	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.035 U	0.035 U	0.036 U	0.037 U	0.036 U	0.038 U	0.035 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.35 U	0.35 U	0.36 U	0.024 J	0.06 J	0.38 U	0.35 U
Caprolactam	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Carbazole	NS	NS	0.35 U	0.054 J	0.36 U	0.02 J	0.13 J	0.38 U	0.017 J
Chrysene	**1**	4.9	0.35 U	0.4	0.023 J	0.46 JL	**1.1 J**	0.14 J	0.25 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.035 U	0.088	0.036 U	0.081 JL	0.18 J	0.023 J	0.043
Dibenzofuran	NS	18	0.35 U	0.023 J	0.36 U	0.37 U	0.072 J	0.38 U	0.012 J
Diethyl Phthalate	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Dimethyl Phthalate	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Di-N-Butyl Phthalate	NS	NS	0.35 U	0.35 U	0.36 U	0.018 J	0.018 J	0.38 U	0.35 U
Di-N-Octylphthalate	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Fluoranthene	85	100	0.35 U	0.7	0.043 J	0.72 JL	2.2 J	0.24 J	0.45
Fluorene	30	100	0.35 U	0.036 J	0.36 U	0.022 J	0.075 J	0.38 U	0.019 J
Hexachlorobenzene	0.33	0.33	0.035 U	0.035 U	0.036 U	0.037 U	0.036 U	0.038 U	0.035 U
Hexachlorobutadiene	NS	NS	0.072 U	0.072 U	0.073 U	0.075 U	0.073 U	0.076 U	0.072 U
Hexachlorocyclopentadiene	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Hexachloroethane	NS	NS	0.035 U	0.035 U	0.036 U	0.037 U	0.036 U	0.038 U	0.035 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	0.035 U	0.48	0.03 J	0.3 JL	**0.75 J**	0.081	0.16
Isophorone	NS	NS	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U
Naphthalene	12	100	0.35 U	0.049 J	0.36 U	0.023 J	0.059 J	0.0079 J	0.022 J
Nitrobenzene	0.08	1.8	0.035 U	0.035 U	0.036 U	0.037 U	0.036 U	0.038 U	0.035 U
N-Nitrosodi-N-Propylamine	NS	NS	0.035 U	0.035 U	0.036 U	0.037 U	0.036 U	0.038 U	0.035 U
N-Nitrosodiphenylamine	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Pentachlorophenol	0.8	1.3	0.28 U	0.29 U	0.29 U	0.3 U	0.29 U	0.3 U	0.29 R
Phenanthrene	**1.1**	4.9	0.35 U	0.37	0.026 J	0.46 JL	**1.5 J**	0.16 J	0.24 J
Phenol	0.33	100	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
Pyrene	64	100	0.35 U	0.57	0.035 J	0.75 JL	1.8 J	0.24 J	0.44
Pyridine	NS	NS	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-A4-4_3-5_20250521	SRI-A4-4_6-8_20250521	SRI-B1-1_3-5_20250519	SRI-B1-2_3-5_20250519	SRI-B1-2_5-7_20250519	SRI-B1-2_13-15_20250519	SRI-X-1_13-15_20250519
		Lab Sample ID	460-326874-1	460-326874-2	460-326755-17	460-326755-13	460-326755-14	460-326755-15	460-326755-12
		Sample Date	5/21/2025	5/21/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
		Dilution Factor	1	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
1,2-Diphenylhydrazine	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.038 U	0.037 U	0.038 U	0.036 U	0.035 U	0.037 U	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
2,4,5-Trichlorophenol	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
2,4-Dinitrophenol	NS	NS	0.31 U	0.3 U	0.3 U	0.29 U	0.28 U	0.3 U	0.3 U
2,4-Dinitrotoluene	NS	NS	0.077 U	0.076 U	0.076 U	0.074 U	0.071 U	0.075 U	0.075 U
2,6-Dinitrotoluene	NS	NS	0.077 U	0.076 U	0.076 U	0.074 U	0.071 U	0.075 U	0.075 U
2-Chloronaphthalene	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
2-Chlorophenol	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
2-Methylnaphthalene	NS	NS	0.013 J	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
2-Methylphenol (O-Cresol)	0.33	100	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
2-Nitroaniline	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
2-Nitrophenol	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.31 U	0.3 U	0.3 U	0.29 U	0.28 U	0.3 U	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
4-Chloroaniline	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
4-Nitroaniline	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
4-Nitrophenol	NS	NS	0.77 U	0.76 U	0.76 U	0.74 U	0.71 U	0.75 U	0.75 U
Acenaphthene	20	100	0.016 J	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Acenaphthylene	100	100	0.026 J	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Acetophenone	NS	NS	0.38 U	0.37 U	0.38 UJ	0.36 U	0.35 U	0.37 U	0.37 U
Anthracene	100	100	0.04 J	0.017 J	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Atrazine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.38 UJ	0.37 UJ	0.38 UJ	0.36 UJ	0.35 UJ	0.37 UJ	0.37 UJ
Benzidine	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Benzo(a)Anthracene	**1**	1.4	0.17	0.074	0.038 U	0.036 U	0.035 U	0.037 U	0.037 U
Benzo(a)Pyrene	**1**	1	0.2	0.074	0.038 U	0.036 U	0.015 J	0.037 U	0.037 U
Benzo(b)Fluoranthene	**1**	1.4	0.28	0.1	0.038 U	0.036 U	0.018 J	0.037 U	0.037 U
Benzo(g,h,i)Perylene	**0.64**	4.9	0.17 J	0.059 J	0.38 U	0.36 U	0.012 J	0.37 U	0.37 U
Benzo(k)Fluoranthene	**0.8**	4.9	0.097	0.041	0.038 U	0.036 U	0.0074 J	0.037 U	0.037 U
Benzyl Butyl Phthalate	NS	NS	0.038 J	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Biphenyl (Diphenyl)	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	0.037 U	0.038 UJ	0.036 U	0.035 U	0.037 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.066 J	0.029 J	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Caprolactam	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Carbazole	NS	NS	0.021 J	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Chrysene	**1**	4.9	0.19 J	0.074 J	0.38 U	0.36 U	0.016 J	0.37 U	0.37 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.042	0.037 U	0.038 U	0.036 U	0.035 U	0.037 U	0.037 U
Dibenzofuran	NS	18	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Diethyl Phthalate	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Dimethyl Phthalate	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Di-N-Octylphthalate	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Fluoranthene	85	100	0.36 J	0.15 J	0.38 U	0.36 U	0.026 J	0.37 U	0.37 U
Fluorene	30	100	0.016 J	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Hexachlorobenzene	0.33	0.33	0.038 U	0.037 U	0.038 U	0.036 U	0.035 U	0.037 U	0.037 U
Hexachlorobutadiene	NS	NS	0.077 U	0.076 U	0.076 U	0.074 U	0.071 U	0.075 U	0.075 U
Hexachlorocyclopentadiene	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Hexachloroethane	NS	NS	0.038 U	0.037 U	0.038 U	0.036 U	0.035 U	0.037 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	0.16	0.054	0.038 U	0.036 U	0.035 U	0.037 U	0.037 U
Isophorone	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
Naphthalene	12	100	0.017 J	0.011 J	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Nitrobenzene	0.08	1.8	0.038 U	0.037 U	0.038 UJ	0.036 U	0.035 U	0.037 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	0.037 U	0.038 UJ	0.036 U	0.035 U	0.037 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Pentachlorophenol	0.8	1.3	0.31 U	0.3 U	0.3 U	0.29 U	0.28 U	0.3 U	0.3 U
Phenanthrene	**1.1**	4.9	0.22 J	0.09 J	0.38 U	0.36 U	0.021 J	0.37 U	0.37 U
Phenol	0.33	100	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U
Pyrene	64	100	0.33 J	0.14 J	0.38 U	0.36 U	0.024 J	0.37 U	0.37 U
Pyridine	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U	0.37 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

			AKRF Sample ID	SRI-B1-3_3-5_20250519	SRI-B1-3_5-7_20250519	SRI-B1-3_13-15_20250519	SRI-B1-4_3-5_20250519	SRI-X-2_3-5_20250519	SRI-B1-4_5-7_20250519	SRI-B1-4_13-15_20250519
			Lab Sample ID	460-326755-19	460-326755-20	460-326755-21	460-326755-22	460-326755-18	460-326755-23	460-326755-24
			Sample Date	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
			Dilution Factor	1	1	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
1,2-Diphenylhydrazine	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
1,4-Dioxane (P-Dioxane)	NS	5.7		0.038 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.04 U
2,3,4,6-Tetrachlorophenol	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
2,4,5-Trichlorophenol	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
2,4,6-Trichlorophenol	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.16 U
2,4-Dichlorophenol	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.16 U
2,4-Dimethylphenol	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
2,4-Dinitrophenol	NS	NS		0.31 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.32 U
2,4-Dinitrotoluene	NS	NS		0.078 U	0.076 U	0.076 U	0.076 U	0.076 U	0.074 U	0.081 U
2,6-Dinitrotoluene	NS	NS		0.078 U	0.076 U	0.076 U	0.076 U	0.076 U	0.074 U	0.081 U
2-Chloronaphthalene	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
2-Chlorophenol	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
2-Methylnaphthalene	NS	NS		0.38 U	0.37 U	0.37 U	0.016 J	0.018 J	0.017 J	0.4 U
2-Methylphenol (O-Cresol)	0.33	100		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
2-Nitroaniline	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
2-Nitrophenol	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
3,3'-Dichlorobenzidine	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.16 U
3-Nitroaniline	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
4,6-Dinitro-2-Methylphenol	NS	NS		0.31 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.32 U
4-Bromophenyl Phenyl Ether	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
4-Chloro-3-Methylphenol	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
4-Chloroaniline	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
4-Chlorophenyl Phenyl Ether	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
4-Methylphenol (P-Cresol)	0.33	100		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
4-Nitroaniline	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
4-Nitrophenol	NS	NS		0.78 U	0.76 U	0.76 U	0.76 U	0.76 U	0.74 U	0.81 U
Acenaphthene	20	100		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Acenaphthylene	100	100		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Acetophenone	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Anthracene	100	100		0.38 U	0.37 U	0.37 U	0.37 U	0.015 J	0.37 U	0.4 U
Atrazine	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.16 U
Benzaldehyde	NS	NS		0.38 UJ	0.37 UJ	0.37 UJ	0.37 UJ	0.37 UJ	0.37 UJ	0.4 UJ
Benzidine	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Benzo(a)Anthracene	**1**	1.4		0.038 U	0.037 U	0.037 U	0.047	0.068	0.059	0.04 U
Benzo(a)Pyrene	**1**	1		0.038 U	0.037 U	0.037 U	0.052	0.08	0.066	0.04 U
Benzo(b)Fluoranthene	**1**	1.4		0.038 U	0.037 U	0.037 U	0.076	0.11	0.072	0.04 U
Benzo(g,h,i)Perylene	**0.64**	4.9		0.38 U	0.37 U	0.37 U	0.042 J	0.054 J	0.045 J	0.4 U
Benzo(k)Fluoranthene	**0.8**	4.9		0.038 U	0.037 U	0.037 U	0.026 J	0.04	0.027 J	0.04 U
Benzyl Butyl Phthalate	NS	NS		0.38 U	0.37 U	0.37 U	0.02 J	0.37 U	0.018 J	0.4 U
Biphenyl (Diphenyl)	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Bis(2-Chloroethoxy) Methane	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS		0.038 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.04 U
Bis(2-Chloroisopropyl) Ether	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Bis(2-Ethylhexyl) Phthalate	NS	NS		0.38 U	0.37 U	0.37 U	0.025 J	0.37 U	0.05 J	0.4 U
Caprolactam	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Carbazole	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Chrysene	**1**	4.9		0.38 U	0.37 U	0.37 U	0.053 J	0.068 J	0.062 J	0.4 U
Dibenz(a,h)Anthracene	**0.33**	0.33		0.038 U	0.037 U	0.037 U	0.037 U	0.018 J	0.037 U	0.04 U
Dibenzofuran	NS	18		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Diethyl Phthalate	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Dimethyl Phthalate	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Di-N-Butyl Phthalate	NS	NS		0.38 U	0.37 U	0.37 U	0.015 J	0.37 U	0.37 U	0.4 U
Di-N-Octylphthalate	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Fluoranthene	85	100		0.38 U	0.37 U	0.37 U	0.081 J	0.12 J	0.074 J	0.4 U
Fluorene	30	100		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Hexachlorobenzene	0.33	0.33		0.038 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.04 U
Hexachlorobutadiene	NS	NS		0.078 U	0.076 U	0.076 U	0.076 U	0.076 U	0.074 U	0.081 U
Hexachlorocyclopentadiene	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Hexachloroethane	NS	NS		0.038 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.04 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4		0.038 U	0.037 U	0.037 U	0.04	0.058	0.041	0.04 U
Isophorone	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.16 U
Naphthalene	12	100		0.38 U	0.37 U	0.37 U	0.013 J	0.016 J	0.023 J	0.4 U
Nitrobenzene	0.08	1.8		0.038 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.04 U
N-Nitrosodi-N-Propylamine	NS	NS		0.038 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.04 U
N-Nitrosodiphenylamine	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Pentachlorophenol	0.8	1.3		0.31 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.32 U
Phenanthrene	**1.1**	4.9		0.38 U	0.37 U	0.37 U	0.035 J	0.056 J	0.025 J	0.4 U
Phenol	0.33	100		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U
Pyrene	64	100		0.38 U	0.37 U	0.37 U	0.081 J	0.11 J	0.11 J	0.4 U
Pyridine	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-B2-2_3-5_20250520	SRI-B2-2_8-10_20250520	SRI-B2-2_13-15_20250520	SRI-B3-1_3-5_20250521	SRI-B3-1_5-7_20250521	SRI-B3-2B_8-10_20250521	SRI-B3-2B_12-14_20250521
		Lab Sample ID	460-327049-5	460-327049-6	460-327049-7	460-326874-15	460-326874-16	460-326874-11	460-326874-12
		Sample Date	5/20/2025	5/20/2025	5/20/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025
		Dilution Factor	1	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
1,2-Diphenylhydrazine	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.036 U	0.05 U	0.037 U	0.037 U	0.036 U	0.036 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.2 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.2 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.36 UJ	0.5 UJ	0.37 UJ	0.37 U	0.36 U	0.36 U	0.36 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.4 U	0.3 U	0.3 U	0.29 U	0.29 U	0.29 U
2,4-Dinitrotoluene	NS	NS	0.072 U	0.1 U	0.075 U	0.075 U	0.073 U	0.073 U	0.074 U
2,6-Dinitrotoluene	NS	NS	0.072 U	0.1 U	0.075 U	0.075 U	0.073 U	0.073 U	0.074 U
2-Chloronaphthalene	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
2-Chlorophenol	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
2-Methylnaphthalene	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
2-Nitroaniline	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
2-Nitrophenol	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.2 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.4 U	0.3 U	0.3 U	0.29 U	0.29 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
4-Chloroaniline	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
4-Methylphenol (P-Cresol)	0.33	100	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
4-Nitroaniline	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
4-Nitrophenol	NS	NS	0.72 U	1 U	0.75 U	0.75 U	0.73 U	0.73 U	0.74 U
Acenaphthene	20	100	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Acenaphthylene	100	100	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Acetophenone	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Anthracene	100	100	0.011 J	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Atrazine	NS	NS	0.14 U	0.2 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.36 UJ	0.5 UJ	0.37 UJ	0.37 UJ	0.36 UJ	0.36 UJ	0.36 UJ
Benzidine	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Benzo(a)Anthracene	**1**	1.4	0.054	0.05 U	0.037 U	0.037 U	0.036 U	0.036 U	0.036 U
Benzo(a)Pyrene	**1**	1	0.062	0.05 U	0.037 U	0.037 U	0.036 U	0.036 U	0.036 U
Benzo(b)Fluoranthene	**1**	1.4	0.089	0.014 J	0.037 U	0.037 U	0.036 U	0.036 U	0.036 U
Benzo(g,h,i)Perylene	**0.64**	4.9	0.042 J	0.033 J	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Benzo(k)Fluoranthene	**0.8**	4.9	0.034 J	0.05 U	0.037 U	0.037 U	0.036 U	0.036 U	0.036 U
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.081 J	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.05 U	0.037 U	0.037 U	0.036 U	0.036 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.36 U	0.056 J	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Caprolactam	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Carbazole	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Chrysene	**1**	4.9	0.058 J	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.036 U	0.05 U	0.037 U	0.037 U	0.036 U	0.036 U	0.036 U
Dibenzofuran	NS	18	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Diethyl Phthalate	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Dimethyl Phthalate	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Fluoranthene	85	100	0.12 J	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Fluorene	30	100	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Hexachlorobenzene	0.33	0.33	0.036 U	0.05 U	0.037 U	0.037 U	0.036 U	0.036 U	0.036 U
Hexachlorobutadiene	NS	NS	0.072 U	0.1 U	0.075 U	0.075 U	0.073 U	0.073 U	0.074 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Hexachloroethane	NS	NS	0.036 U	0.05 U	0.037 U	0.037 U	0.036 U	0.036 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	0.04	0.05 U	0.037 U	0.037 U	0.036 U	0.036 U	0.036 U
Isophorone	NS	NS	0.14 U	0.2 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
Naphthalene	12	100	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Nitrobenzene	0.08	1.8	0.036 U	0.05 U	0.037 U	0.037 U	0.036 U	0.036 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.05 U	0.037 U	0.037 U	0.036 U	0.036 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Pentachlorophenol	0.8	1.3	0.29 U	0.4 U	0.3 U	0.3 U	0.29 U	0.29 U	0.29 U
Phenanthrene	**1.1**	4.9	0.047 J	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Phenol	0.33	100	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Pyrene	64	100	0.087 J	0.017 J	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U
Pyridine	NS	NS	0.36 U	0.5 U	0.37 U	0.37 U	0.36 U	0.36 U	0.36 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-B3-2C_3-5_20250521	SRI-B3-3_8-10_20250521	SRI-B3-3_13-15_20250521	SRI-B3-3B_3-5_20250221	SRI-B3-4_3-5_20250521	SRI-B3-4_6-8_20250521	SRI-B3-4_13-15_20250521
		Lab Sample ID	460-326874-20	460-326874-13	460-326874-14	460-326874-21	460-326874-8	460-326874-9	460-326874-10
		Sample Date	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025
		Dilution Factor	1	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
1,2-Diphenylhydrazine	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.037 U	0.036 U	0.035 U	0.038 U	0.039 U	0.038 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.29 U	0.29 U	0.31 U	0.32 U	0.31 U	0.29 U
2,4-Dinitrotoluene	NS	NS	0.074 U	0.074 U	0.072 U	0.078 U	0.08 U	0.077 U	0.073 U
2,6-Dinitrotoluene	NS	NS	0.074 U	0.074 U	0.072 U	0.078 U	0.08 U	0.077 U	0.073 U
2-Chloronaphthalene	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
2-Chlorophenol	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
2-Methylnaphthalene	NS	NS	0.013 J	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	6.8
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
2-Nitroaniline	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
2-Nitrophenol	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.29 U	0.29 U	0.31 U	0.32 U	0.31 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
4-Chloroaniline	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
4-Methylphenol (P-Cresol)	0.33	100	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
4-Nitroaniline	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
4-Nitrophenol	NS	NS	0.74 U	0.74 U	0.72 U	0.78 U	0.8 U	0.77 U	0.73 U
Acenaphthene	20	100	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.032 J
Acenaphthylene	100	100	0.03 J	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
Acetophenone	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
Anthracene	100	100	0.028 J	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.032 J
Atrazine	NS	NS	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.37 UJ	0.36 UJ	0.35 UJ	0.38 UJ	0.39 UJ	0.38 UJ	0.36 UJ
Benzidine	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
Benzo(a)Anthracene	**1**	1.4	0.2	0.036 U	0.035 U	0.034 J	0.039 U	0.038 U	0.038
Benzo(a)Pyrene	**1**	1	0.25	0.016 J	0.035 U	0.035 J	0.039 U	0.011 J	0.025 J
Benzo(b)Fluoranthene	**1**	1.4	0.34	0.016 J	0.035 U	0.045	0.014 J	0.011 J	0.028 J
Benzo(g,h,i)Perylene	**0.64**	4.9	0.15 J	0.014 J	0.35 U	0.024 J	0.39 U	0.38 U	0.022 J
Benzo(k)Fluoranthene	**0.8**	4.9	0.12	0.016 J	0.035 U	0.016 J	0.039 U	0.012 J	0.021 J
Benzyl Butyl Phthalate	NS	NS	0.075 J	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.11 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.036 U	0.035 U	0.038 U	0.039 U	0.038 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.032 J	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
Caprolactam	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
Carbazole	NS	NS	0.015 J	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.016 J
Chrysene	**1**	4.9	0.23 J	0.016 J	0.35 U	0.036 J	0.39 U	0.38 U	0.034 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.041	0.036 U	0.035 U	0.038 U	0.039 U	0.038 U	0.036 U
Dibenzofuran	NS	18	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.013 J
Diethyl Phthalate	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
Dimethyl Phthalate	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.029 J	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.019 J
Di-N-Octylphthalate	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
Fluoranthene	85	100	0.38	0.018 J	0.35 U	0.052 J	0.026 J	0.38 U	0.059 J
Fluorene	30	100	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.071 J
Hexachlorobenzene	0.33	0.33	0.037 U	0.036 U	0.035 U	0.038 U	0.039 U	0.038 U	0.036 U
Hexachlorobutadiene	NS	NS	0.074 U	0.074 U	0.072 U	0.078 U	0.08 U	0.077 U	0.073 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
Hexachloroethane	NS	NS	0.037 U	0.036 U	0.035 U	0.038 U	0.039 U	0.038 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	0.17	0.015 J	0.035 U	0.022 J	0.039 U	0.038 U	0.02 J
Isophorone	NS	NS	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U
Naphthalene	12	100	0.016 J	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	6.1
Nitrobenzene	0.08	1.8	0.037 U	0.036 U	0.035 U	0.038 U	0.039 U	0.038 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.036 U	0.035 U	0.038 U	0.039 U	0.038 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
Pentachlorophenol	0.8	1.3	0.29 U	0.29 U	0.29 U	0.31 U	0.32 U	0.31 U	0.29 U
Phenanthrene	**1.1**	4.9	0.14 J	0.36 U	0.35 U	0.018 J	0.033 J	0.38 U	0.14 J
Phenol	0.33	100	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U
Pyrene	64	100	0.36 J	0.018 J	0.35 U	0.06 J	0.022 J	0.011 J	0.075 J
Pyridine	NS	NS	0.37 U	0.36 U	0.35 U	0.38 U	0.39 U	0.38 U	0.36 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-B4-1A_3-5_20250521	SRI-B4-1A_8-10_20250521	SRI-B4-1A_13-15_20250521	SRI-B4-1B_15-17_20250522	SRI-B4-2A_3-5_20250522	SRI-B4-2A_8-10_20250522	SRI-B4-2A_11-13_20250522
		Lab Sample ID	460-326874-17	460-326874-18	460-326874-19	460-327318-7	460-327318-4	460-327318-5	460-327318-6
		Sample Date	5/21/2025	5/21/2025	5/21/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025
		Dilution Factor	1	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
1,2-Diphenylhydrazine	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.038 U	0.037 U	0.038 U	0.035 U	0.037 U	0.035 U	0.034 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U
2,4,5-Trichlorophenol	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 UJ	0.14 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U
2,4-Dinitrophenol	NS	NS	0.3 U	0.3 U	0.31 U	0.28 U	0.3 U	0.28 UJ	0.28 U
2,4-Dinitrotoluene	NS	NS	0.077 U	0.076 U	0.077 U	0.071 U	0.075 U	0.071 U	0.07 U
2,6-Dinitrotoluene	NS	NS	0.077 U	0.076 U	0.077 U	0.071 U	0.075 U	0.071 U	0.07 U
2-Chloronaphthalene	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
2-Chlorophenol	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U
2-Methylnaphthalene	NS	NS	0.012 J	0.37 U	0.025 J	0.35 U	0.37 U	0.35 U	0.34 U
2-Methylphenol (O-Cresol)	0.33	100	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U
2-Nitroaniline	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U
2-Nitrophenol	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	0.3 U	0.31 U	0.28 U	0.3 U	0.28 UJ	0.28 U
4-Bromophenyl Phenyl Ether	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
4-Chloro-3-Methylphenol	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U
4-Chloroaniline	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
4-Methylphenol (P-Cresol)	0.33	100	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
4-Nitroaniline	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
4-Nitrophenol	NS	NS	0.77 U	0.76 U	0.77 U	0.71 U	0.75 U	0.71 U	0.7 U
Acenaphthene	20	100	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U
Acenaphthylene	100	100	0.02 J	0.37 U	0.052 J	0.35 U	0.37 U	0.35 UJ	0.34 U
Acetophenone	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U
Anthracene	100	100	0.022 J	0.37 U	0.021 J	0.35 U	0.37 U	0.35 U	0.011 J
Atrazine	NS	NS	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U
Benzaldehyde	NS	NS	0.38 U	0.37 UJ	0.38 UJ	0.35 UJ	0.37 UJ	0.35 UJ	0.34 UJ
Benzidine	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
Benzo(a)Anthracene	**1**	1.4	0.13	0.037 U	0.075	0.035 U	0.046	0.035 UJ	0.034 U
Benzo(a)Pyrene	**1**	1	0.15	0.037 U	0.17	0.019 J	0.05	0.035 UJ	0.017 J
Benzo(b)Fluoranthene	**1**	1.4	0.2	0.037 U	0.24	0.035	0.066	0.035 U	0.022 J
Benzo(g,h,i)Perylene	**0.64**	4.9	0.1 J	0.37 U	0.23 J	0.026 J	0.04 J	0.011 JL	0.047 J
Benzo(k)Fluoranthene	**0.8**	4.9	0.073	0.037 U	0.088	0.018 J	0.027 J	0.035 U	0.034 U
Benzyl Butyl Phthalate	NS	NS	0.018 J	0.37 U	0.38 U	0.017 J	0.37 U	0.35 U	0.34 U
Biphenyl (Diphenyl)	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	0.037 U	0.038 U	0.035 U	0.037 U	0.035 UJ	0.034 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
Caprolactam	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
Carbazole	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
Chrysene	**1**	4.9	0.14 J	0.37 U	0.11 J	0.029 J	0.052 J	0.35 UJ	0.015 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.028 J	0.037 U	0.048	0.035 U	0.037 U	0.035 U	0.034 U
Dibenzofuran	NS	18	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
Diethyl Phthalate	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
Dimethyl Phthalate	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
Di-N-Butyl Phthalate	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
Di-N-Octylphthalate	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
Fluoranthene	85	100	0.24 J	0.37 U	0.084 J	0.027 J	0.076 J	0.35 U	0.028 J
Fluorene	30	100	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
Hexachlorobenzene	0.33	0.33	0.038 U	0.037 U	0.038 U	0.035 U	0.037 U	0.035 U	0.034 U
Hexachlorobutadiene	NS	NS	0.077 U	0.076 U	0.077 U	0.071 U	0.075 U	0.071 UJ	0.07 U
Hexachlorocyclopentadiene	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U
Hexachloroethane	NS	NS	0.038 U	0.037 U	0.038 U	0.035 U	0.037 U	0.035 UJ	0.034 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	0.11	0.037 U	0.21	0.026 J	0.038	0.035 UJ	0.017 J
Isophorone	NS	NS	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U
Naphthalene	12	100	0.013 J	0.37 U	0.039 J	0.0075 J	0.0078 J	0.35 UJ	0.34 U
Nitrobenzene	0.08	1.8	0.038 U	0.037 U	0.038 U	0.035 U	0.037 U	0.035 UJ	0.034 U
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	0.037 U	0.038 U	0.035 U	0.037 U	0.035 UJ	0.034 U
N-Nitrosodiphenylamine	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U
Pentachlorophenol	0.8	1.3	0.3 U	0.3 U	0.31 U	0.28 U	0.3 U	0.28 UJ	0.28 U
Phenanthrene	**1.1**	4.9	0.11 J	0.37 U	0.046 J	0.017 J	0.026 J	0.35 U	0.019 J
Phenol	0.33	100	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U
Pyrene	64	100	0.24 J	0.37 U	0.093 J	0.026 J	0.075 J	0.35 U	0.027 J
Pyridine	NS	NS	0.38 U	0.37 U	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-B4-3_3-5_20250522	SRI-B4-3_8-10_20250522	SRI-B4-3_13-15_20250522	SRI-B4-4_3-5_20250522	SRI-B4-4_8-10_20250522	SRI-B4-4_13-15_20250522	SRI-FB-1_20250519
		Lab Sample ID	460-327318-8	460-327318-9	460-327318-10	460-327318-1	460-327318-2	460-327318-3	460-326755-9
		Sample Date	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/19/2025
		Dilution Factor	1	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
1,2-Diphenylhydrazine	NS	NS	0.38 U	0.017 J	0.35 U	0.38 U	0.38 U	0.37 U	2.2 UJ
1,4-Dioxane (P-Dioxane)	NS	5.7	0.038 U	0.038 U	0.035 U	0.038 U	0.038 U	0.037 U	10 UJ
2,3,4,6-Tetrachlorophenol	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
2,4,5-Trichlorophenol	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	3 UJ
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	10 UJ
2,4-Dimethylphenol	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
2,4-Dinitrophenol	NS	NS	0.31 U	0.31 U	0.29 U	0.3 U	0.3 U	0.29 U	40 UJ
2,4-Dinitrotoluene	NS	NS	0.077 U	0.078 U	0.072 U	0.077 U	0.076 U	0.074 U	10 UJ
2,6-Dinitrotoluene	NS	NS	0.077 U	0.078 U	0.072 U	0.077 U	0.076 U	0.074 U	2 UJ
2-Chloronaphthalene	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
2-Chlorophenol	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
2-Methylnaphthalene	NS	NS	0.02 J	0.039 J	0.07 J	0.018 J	0.38 U	0.17 J	10 UJ
2-Methylphenol (O-Cresol)	0.33	100	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
2-Nitroaniline	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
2-Nitrophenol	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	5.2 UJ
3-Nitroaniline	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
4,6-Dinitro-2-Methylphenol	NS	NS	0.31 U	0.31 U	0.29 U	0.3 U	0.3 U	0.29 U	20 UJ
4-Bromophenyl Phenyl Ether	NS	NS	0.38 U	0.02 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
4-Chloro-3-Methylphenol	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
4-Chloroaniline	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	5 UJ
4-Chlorophenyl Phenyl Ether	NS	NS	0.38 U	0.015 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
4-Methylphenol (P-Cresol)	0.33	100	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
4-Nitroaniline	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
4-Nitrophenol	NS	NS	0.77 U	0.78 U	0.72 U	0.77 U	0.76 U	0.74 U	20 UJ
Acenaphthene	20	100	0.033 J	0.021 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Acenaphthylene	100	100	0.093 J	0.061 J	0.35 U	0.053 J	0.38 U	0.37 U	10 UJ
Acetophenone	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Anthracene	100	100	0.2 J	0.069 J	0.35 U	0.034 J	0.38 U	0.37 U	10 UJ
Atrazine	NS	NS	0.15 U	0.15 U	0.14 UJ	0.15 U	0.15 U	0.15 U	2 UJ
Benzaldehyde	NS	NS	0.38 UJ	0.38 UJ	0.35 UJ	0.38 UJ	0.38 UJ	0.37 UJ	10 UJ
Benzidine	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	6.6 UJ
Benzo(a)Anthracene	**1**	1.4	0.83	0.3	0.035 U	0.13	0.038 U	0.037 U	1 UJ
Benzo(a)Pyrene	**1**	1	0.81	0.32	0.035 U	0.16	0.038 U	0.037 U	1 UJ
Benzo(b)Fluoranthene	**1**	1.4	**1.1**	0.43	0.035 U	0.22	0.038 U	0.037 U	2 UJ
Benzo(g,h,i)Perylene	**0.64**	4.9	0.57	0.25 J	0.35 U	0.13 J	0.38 U	0.37 U	10 UJ
Benzo(k)Fluoranthene	**0.8**	4.9	0.39	0.16	0.035 U	0.081	0.038 U	0.037 U	1 UJ
Benzyl Butyl Phthalate	NS	NS	0.031 J	0.039 J	0.35 U	0.037 J	0.38 U	0.37 U	10 UJ
Biphenyl (Diphenyl)	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	5 UJ
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	0.038 U	0.035 U	0.038 U	0.038 U	0.037 U	1 UJ
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.38 U	0.033 J	0.35 U	0.38 U	0.38 U	0.37 U	2 UJ
Caprolactam	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Carbazole	NS	NS	0.053 J	0.043 J	0.35 U	0.016 J	0.38 U	0.37 U	10 UJ
Chrysene	**1**	4.9	0.9	0.35 J	0.35 U	0.16 J	0.38 U	0.37 U	2 UJ
Dibenz(a,h)Anthracene	**0.33**	0.33	0.15	0.078	0.035 U	0.035 J	0.038 U	0.037 U	1 UJ
Dibenzofuran	NS	18	0.027 J	0.028 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Diethyl Phthalate	NS	NS	0.38 U	0.017 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Dimethyl Phthalate	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Di-N-Butyl Phthalate	NS	NS	0.38 U	0.031 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Di-N-Octylphthalate	NS	NS	0.38 U	0.022 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Fluoranthene	85	100	1.7	0.57	0.013 J	0.2 J	0.38 U	0.37 U	10 UJ
Fluorene	30	100	0.055 J	0.033 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Hexachlorobenzene	0.33	0.33	0.038 U	0.038 U	0.035 U	0.038 U	0.038 U	0.037 U	1 UJ
Hexachlorobutadiene	NS	NS	0.077 U	0.078 U	0.072 U	0.077 U	0.076 U	0.074 U	1 UJ
Hexachlorocyclopentadiene	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Hexachloroethane	NS	NS	0.038 U	0.038 U	0.035 U	0.038 U	0.038 U	0.037 U	0.8 UJ
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	**0.57**	0.24	0.035 U	0.12	0.038 U	0.037 U	2 UJ
Isophorone	NS	NS	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	10 UJ
Naphthalene	12	100	0.037 J	0.073 J	0.35 U	0.016 J	0.38 U	0.24 J	2 UJ
Nitrobenzene	0.08	1.8	0.038 U	0.038 U	0.035 U	0.038 U	0.038 U	0.037 U	1 UJ
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	0.038 U	0.035 U	0.038 U	0.038 U	0.037 U	1 UJ
N-Nitrosodiphenylamine	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Pentachlorophenol	0.8	1.3	0.31 U	0.31 U	0.29 U	0.3 U	0.3 U	0.29 U	20 UJ
Phenanthrene	**1.1**	4.9	0.65	0.33 J	0.016 J	0.098 J	0.38 U	0.37 U	10 UJ
Phenol	0.33	100	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Pyrene	64	100	1.5	0.57	0.011 J	0.21 J	0.38 U	0.37 U	10 UJ
Pyridine	NS	NS	0.38 U	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-FB-2_20250519		SRI-FB-3_20250520		SRI-FB-4_20250520		SRI-FB-5_20250521	
		Lab Sample ID	460-326755-10		460-327049-36		460-327049-37		460-326874-7	
		Sample Date	5/19/2025		5/20/2025		5/20/2025		5/21/2025	
		Dilution Factor	1		1		1		1	
		Unit	µg/L		µg/L		µg/L		µg/L	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,2,4,5-Tetrachlorobenzene	NS	NS	10	UJ	10	UJ	10	UJ	10	U
1,2-Diphenylhydrazine	NS	NS	2.2	UJ	2.2	UJ	2.2	UJ	2.2	U
1,4-Dioxane (P-Dioxane)	NS	5.7	10	UJ	10	UJ	10	UJ	10	U
2,3,4,6-Tetrachlorophenol	NS	NS	10	UJ	10	UJ	10	UJ	10	U
2,4,5-Trichlorophenol	NS	NS	10	UJ	10	UJ	10	UJ	10	U
2,4,6-Trichlorophenol	NS	NS	3	UJ	3	UJ	3	UJ	3	U
2,4-Dichlorophenol	NS	NS	10	UJ	10	UJ	10	UJ	10	U
2,4-Dimethylphenol	NS	NS	10	UJ	10	UJ	10	UJ	10	U
2,4-Dinitrophenol	NS	NS	40	UJ	40	UJ	40	UJ	40	U
2,4-Dinitrotoluene	NS	NS	10	UJ	10	UJ	10	UJ	10	U
2,6-Dinitrotoluene	NS	NS	2	UJ	2	UJ	2	UJ	2	U
2-Chloronaphthalene	NS	NS	10	UJ	10	UJ	10	UJ	10	U
2-Chlorophenol	NS	NS	10	UJ	10	UJ	10	UJ	10	U
2-Methylnaphthalene	NS	NS	10	UJ	10	UJ	10	UJ	10	U
2-Methylphenol (O-Cresol)	0.33	100	10	UJ	10	UJ	10	UJ	10	U
2-Nitroaniline	NS	NS	10	UJ	10	UJ	10	UJ	10	U
2-Nitrophenol	NS	NS	10	UJ	10	UJ	10	UJ	10	U
3,3'-Dichlorobenzidine	NS	NS	5.2	UJ	5.2	UJ	5.2	UJ	5.2	U
3-Nitroaniline	NS	NS	10	UJ	10	UJ	10	UJ	10	U
4,6-Dinitro-2-Methylphenol	NS	NS	20	UJ	20	UJ	20	UJ	20	U
4-Bromophenyl Phenyl Ether	NS	NS	10	UJ	10	UJ	10	UJ	10	U
4-Chloro-3-Methylphenol	NS	NS	10	UJ	10	UJ	10	UJ	10	U
4-Chloroaniline	NS	NS	5	UJ	5	UJ	5	UJ	5	U
4-Chlorophenyl Phenyl Ether	NS	NS	10	UJ	10	UJ	10	UJ	10	U
4-Methylphenol (P-Cresol)	0.33	100	10	UJ	10	UJ	10	UJ	10	U
4-Nitroaniline	NS	NS	10	UJ	10	UJ	10	UJ	10	U
4-Nitrophenol	NS	NS	20	UJ	20	UJ	20	UJ	20	UJ
Acenaphthene	20	100	10	UJ	10	UJ	10	UJ	10	U
Acenaphthylene	100	100	10	UJ	10	UJ	10	UJ	10	U
Acetophenone	NS	NS	10	UJ	10	UJ	10	UJ	10	U
Anthracene	100	100	10	UJ	10	UJ	10	UJ	10	U
Atrazine	NS	NS	2	UJ	2	UJ	2	UJ	2	U
Benzaldehyde	NS	NS	10	UJ	10	UJ	10	UJ	10	U
Benzidine	NS	NS	6.6	UJ	6.6	UJ	6.6	UJ	6.6	U
Benzo(a)Anthracene	**1**	1.4	1	UJ	1	UJ	1	UJ	1	U
Benzo(a)Pyrene	**1**	1	1	UJ	1	UJ	1	UJ	1	U
Benzo(b)Fluoranthene	**1**	1.4	2	UJ	2	UJ	2	UJ	2	U
Benzo(g,h,i)Perylene	**0.64**	4.9	10	UJ	10	UJ	10	UJ	10	U
Benzo(k)Fluoranthene	**0.8**	4.9	1	UJ	1	UJ	1	UJ	1	U
Benzyl Butyl Phthalate	NS	NS	10	UJ	10	UJ	10	UJ	10	U
Biphenyl (Diphenyl)	NS	NS	5	UJ	5	UJ	5	UJ	5	U
Bis(2-Chloroethoxy) Methane	NS	NS	10	UJ	10	UJ	10	UJ	10	U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	1	UJ	1	UJ	1	UJ	1	U
Bis(2-Chloroisopropyl) Ether	NS	NS	10	UJ	10	UJ	10	UJ	10	U
Bis(2-Ethylhexyl) Phthalate	NS	NS	2	UJ	2	UJ	2	UJ	2	U
Caprolactam	NS	NS	10	UJ	10	UJ	10	UJ	10	U
Carbazole	NS	NS	10	UJ	10	UJ	10	UJ	10	U
Chrysene	**1**	4.9	2	UJ	2	UJ	2	UJ	2	U
Dibenz(a,h)Anthracene	**0.33**	0.33	1	UJ	1	UJ	1	UJ	1	U
Dibenzofuran	NS	18	10	UJ	10	UJ	10	UJ	10	U
Diethyl Phthalate	NS	NS	10	UJ	10	UJ	10	UJ	10	U
Dimethyl Phthalate	NS	NS	10	UJ	10	UJ	10	UJ	10	U
Di-N-Butyl Phthalate	NS	NS	10	UJ	10	UJ	10	UJ	10	U
Di-N-Octylphthalate	NS	NS	10	UJ	10	UJ	10	UJ	10	U
Fluoranthene	85	100	10	UJ	10	UJ	10	UJ	10	U
Fluorene	30	100	10	UJ	10	UJ	10	UJ	10	U
Hexachlorobenzene	0.33	0.33	1	UJ	1	UJ	1	UJ	1	U
Hexachlorobutadiene	NS	NS	1	UJ	1	UJ	1	UJ	1	U
Hexachlorocyclopentadiene	NS	NS	10	UJ	10	UJ	10	UJ	10	UJ
Hexachloroethane	NS	NS	0.8	UJ	0.8	UJ	0.8	UJ	0.8	U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	2	UJ	2	UJ	2	UJ	2	U
Isophorone	NS	NS	10	UJ	10	UJ	10	UJ	10	U
Naphthalene	12	100	2	UJ	2	UJ	2	UJ	2	U
Nitrobenzene	0.08	1.8	1	UJ	1	UJ	1	UJ	1	U
N-Nitrosodi-N-Propylamine	NS	NS	1	UJ	1	UJ	1	UJ	1	U
N-Nitrosodiphenylamine	NS	NS	10	UJ	10	UJ	10	UJ	10	U
Pentachlorophenol	0.8	1.3	20	UJ	20	UJ	20	UJ	20	U
Phenanthrene	**1.1**	4.9	10	UJ	10	UJ	10	UJ	10	U
Phenol	0.33	100	10	UJ	10	UJ	10	UJ	10	U
Pyrene	64	100	10	UJ	10	UJ	10	UJ	10	U
Pyridine	NS	NS	10	UJ	10	UJ	10	UJ	10	U

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A1-1_3-5_20250519		SRI-A1-1_8-10_20250519		SRI-A1-1_13-15_20250519		SRI-A1-2_3-5_20250519		SRI-A1-2_8-10_20250519	
		Lab Sample ID	460-326755-1		460-326755-2		460-326755-3		460-326755-4		460-326755-5	
		Sample Date	5/19/2025		5/19/2025		5/19/2025		5/19/2025		5/19/2025	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	10,500		16,900		13,300		10,100		13,100	
Antimony	NS	NS	0.31	J	0.83	U	0.89	U	0.47	J	0.21	J
Arsenic	13	16	3.1		0.83		3.2		3.2		2.6	
Barium	**410**	410	102		12.7		37.3		105		64.2	
Beryllium	4.4	43	0.54		1.3		0.66		0.55		0.66	
Boron	NS	NS	NR		NR		NR		NR		NR	
Cadmium	**2.5**	2.5	0.17	J	0.83	U	0.89	U	0.24	J	0.18	J
Calcium	NS	NS	20,600		12,300		3,410		45,900		43,200	
Chromium, Hexavalent	1	1	NR		NR		NR		NR		NR	
Chromium, Total	NS	NS	20.3		22.7		16.8		19.8		22	
Cobalt	NS	NS	8.2		9.7		7.5		9		8.2	
Copper	**50**	280	24.1		22.5		14.8		26.6		18.5	
Cyanide, Free	2.3	13	NR		NR		NR		NR		NR	
Iron	NS	NS	21,400		20,900		18,900		21,700		19,600	
Lead	**63**	400	**162**		4.2		6.1		**148**		**125**	
Magnesium	NS	NS	7,110		6,360		5,240		6,610		8,140	
Manganese	1,600	2,000	354		410		413		323		340	
Mercury	**0.18**	0.3	**0.26**		0.017	U	0.019	U	**0.22**		0.068	
Nickel	**30**	320	17.1		21.8		15.9		19		17.5	
Potassium	NS	NS	2,190		1,580		1,010		2,230		1,670	
Selenium	4	110	0.13	J	0.15	J	1.1	U	0.17	J	0.13	J
Silver	2	110	0.34	U	0.33	U	0.36	U	0.34	U	0.34	U
Sodium	NS	NS	191		1,650		462		492		653	
Thallium	NS	NS	0.16	J	0.16	J	0.099	J	0.15	J	0.14	J
Tin	NS	NS	NR		NR		NR		NR		NR	
Vanadium	NS	NS	30.6		26.2		21.4		31.6		29.3	
Zinc	**109**	6,600	**123**		31.6		37.4		**118**		75.3	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A1-2_13-15_20250519		SRI-A1-3_3-5_20250519		SRI-A1-3_7-9_20250519		SRI-A1-3_7-9_20250519		SRI-A1-4_3-5_20250519	
		Lab Sample ID	460-326755-6		460-326755-7		460-326755-8		460-326755-8		460-326755-11	
		Sample Date	5/19/2025		5/19/2025		5/19/2025		5/19/2025		5/19/2025	
		Dilution Factor	1		1		1		2		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	8,210		13,900		6,180		NR		11,000	
Antimony	NS	NS	0.24	J	0.83	J	0.29	J	NR		3.2	JL
Arsenic	13	16	8.2	J	7.3		2.5		NR		3.7	
Barium	**410**	410	74.2		253		325		NR		112	
Beryllium	4.4	43	0.47		0.64		0.36		NR		0.57	
Boron	NS	NS	NR		NR		NR		NR		NR	
Cadmium	**2.5**	2.5	0.26	J	0.48	J	0.32	J	NR		0.35	J
Calcium	NS	NS	45,000	J	39,400		NR		110,000		33,200	
Chromium, Hexavalent	1	1	NR		NR		NR		NR		NR	
Chromium, Total	NS	NS	15.5		18.7		12.6		NR		22.2	J
Cobalt	NS	NS	5.3		5.3		4.6		NR		7.7	
Copper	**50**	280	19.5		38.4		25.5		NR		**140**	**R**
Cyanide, Free	2.3	13	NR		NR		NR		NR		NR	
Iron	NS	NS	14,200		18,300		11,300		NR		20,800	
Lead	**63**	400	**233**	**J**	**245**		**1,240**		NR		**335**	**J**
Magnesium	NS	NS	7,000		6,140		6,700		NR		8,380	J
Manganese	1,600	2,000	398	J	268		230		NR		584	
Mercury	**0.18**	0.3	0.11		**0.39**		0.12		NR		**0.2**	
Nickel	**30**	320	12.3		13.2		11.6		NR		18.1	JK
Potassium	NS	NS	1,190		1,700		2,500		NR		1,920	
Selenium	4	110	0.11	J	0.26	J	0.22	J	NR		0.16	J
Silver	2	110	0.34	U	0.09	J	0.33	U	NR		0.13	J
Sodium	NS	NS	694	J	1,290		413		NR		677	
Thallium	NS	NS	0.1	J	0.13	J	0.14	J	NR		0.16	J
Tin	NS	NS	NR		NR		NR		NR		NR	
Vanadium	NS	NS	18.4		27.9		17		NR		30.7	JK
Zinc	**109**	6,600	76.2	J	**193**		**156**		NR		**173**	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A2-1_3-5_20250520		SRI-A2-1_8-10_20250520		SRI-A2-1_13-15_20250520		SRI-X-3_13-15_20250520		SRI-A2-2_3-5_20250520	
		Lab Sample ID	460-327049-11		460-327049-12		460-327049-13		460-327049-14		460-327049-8	
		Sample Date	5/20/2025		5/20/2025		5/20/2025		5/20/2025		5/20/2025	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	8,310		6,950		6,520		8,100		11,200	
Antimony	NS	NS	0.52	J	0.55	J	0.34	J	0.42	J	1.4	
Arsenic	13	16	2.6		2.6		3.5		3.3		4	
Barium	**410**	410	59.4		67.6		44.4		70.5		106	
Beryllium	4.4	43	0.35		0.32		0.32	J	0.44		0.5	
Boron	NS	NS	NR		NR		NR		NR		NR	
Cadmium	**2.5**	2.5	0.19	J	0.16	J	0.16	J	0.36	J	0.58	J
Calcium	NS	NS	41,900		35,700		70,300		55,900		18,400	
Chromium, Hexavalent	1	1	NR		NR		NR		NR		NR	
Chromium, Total	NS	NS	19.8		16.1		19.2		15.4		17.4	
Cobalt	NS	NS	5.9		4.5		4.6		5.6		6.6	
Copper	**50**	280	32.5		20.7		46	J	**179**	**J**	26.5	
Cyanide, Free	2.3	13	NR		NR		NR		NR		NR	
Iron	NS	NS	14,000		11,100		11,700		13,900		15,700	
Lead	**63**	400	**98.6**		**65.9**		**68.1**	**J**	**154**	**J**	**268**	
Magnesium	NS	NS	6,770		5,410		12,300		24,300		6,150	
Manganese	1,600	2,000	231		174		290		217		391	
Mercury	**0.18**	0.3	0.11		0.09		0.066	J	0.13	J	**0.22**	
Nickel	**30**	320	17.7		9.3		13.6		18.5		16.9	
Potassium	NS	NS	1,270		979		1,040		1,310		1,140	
Selenium	4	110	0.27	J	0.15	J	1.1	U	0.15	J	0.32	J
Silver	2	110	0.08	J	0.076	J	0.36	U	0.32	U	0.098	J
Sodium	NS	NS	670		684		900		577		258	
Thallium	NS	NS	0.073	J	0.05	J	0.058	J	0.11	J	0.13	J
Tin	NS	NS	NR		NR		NR		NR		NR	
Vanadium	NS	NS	31.1		28.3		17.9		22.2		23.3	
Zinc	**109**	6,600	101		68.3		54.9		109		**532**	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A2-2_8-10_20250520		SRI-A2-2_13-15_20250520		SRI-A2-3_3-5_20250520		SRI-A2-3_8-10_20250520		SRI-A2-3_10-12_20250520	
		Lab Sample ID	460-327049-9		460-327049-10		460-327049-15		460-327049-16		460-327049-17	
		Sample Date	5/20/2025		5/20/2025		5/20/2025		5/20/2025		5/20/2025	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	8,690		21,600		10,300		13,000		11,000	
Antimony	NS	NS	2.2		0.84	U	0.39	J	0.18	J	0.92	
Arsenic	13	16	11.3		0.82	J	2.6		1.4		9.4	
Barium	**410**	410	71.2		8.3		69.1		91.8		70.4	
Beryllium	4.4	43	0.42		1.3		0.51		1.9		0.63	
Boron	NS	NS	NR		NR		NR		NR		NR	
Cadmium	**2.5**	2.5	0.42	J	0.84	U	0.21	J	0.11	J	0.18	J
Calcium	NS	NS	7,490		11,300		25,800		59,500		63,300	
Chromium, Hexavalent	1	1	NR		NR		NR		NR		NR	
Chromium, Total	NS	NS	16		38.1		20		15.5		22.3	
Cobalt	NS	NS	6.2		9.9		7.9		7.8		8.5	
Copper	**50**	280	17.3		19.9		19.4		16.1		24.7	
Cyanide, Free	2.3	13	NR		NR		NR		NR		NR	
Iron	NS	NS	25,400		26,000		17,500		14,300		16,900	
Lead	**63**	400	**101**		5.9		**77.9**		**73.8**		**130**	
Magnesium	NS	NS	4,480		17,000		8,200		6,880		8,030	
Manganese	1,600	2,000	360		372		339		298		330	
Mercury	**0.18**	0.3	0.079		0.017	U	0.11	JK	0.088		0.048	
Nickel	**30**	320	21.5		17.3		15.9		17.4		17.5	
Potassium	NS	NS	1,140		430		1,820		1,780		2,350	
Selenium	4	110	0.33	J	0.15	J	1.1	U	1.1	U	1.1	U
Silver	2	110	0.084	J	0.34	U	0.36	U	0.34	U	0.34	U
Sodium	NS	NS	440		2,960		535		1,720		951	
Thallium	NS	NS	0.16	J	0.24	J	0.16	J	0.15	J	0.46	
Tin	NS	NS	NR		NR		NR		NR		NR	
Vanadium	NS	NS	21.9		40.8		28		20.4		27.6	
Zinc	**109**	6,600	**115**		50.3		88.4		62		92.3	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A2-4_3-5_20250520		SRI-A2-4_8-10_20250520		SRI-A2-4_13-15_20250520		SRI-A3-1_3-5_20250520		SRI-A3-1_8-10_20250520	
		Lab Sample ID	460-327049-1		460-327049-2		460-327049-3		460-327049-29		460-327049-30	
		Sample Date	5/20/2025		5/20/2025		5/20/2025		5/20/2025		5/20/2025	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	22,400		9,260		15,500		8,860		14,800	
Antimony	NS	NS	0.85	U	0.27	J	0.85	U	1.6		0.84	U
Arsenic	13	16	0.86		3		0.91		4.2		4.5	
Barium	**410**	410	41.8		52.1		32.3		142		44.7	
Beryllium	4.4	43	1.4		0.47		1.2		0.57		0.5	
Boron	NS	NS	NR		NR		NR		NR		NR	
Cadmium	**2.5**	2.5	0.85	U	0.18	J	0.096	J	0.29	J	0.84	U
Calcium	NS	NS	32,700		76,600		26,600		35,100		1,400	
Chromium, Hexavalent	1	1	NR		NR		NR		NR		NR	
Chromium, Total	NS	NS	34		15.9		29.4		17.8		17.9	
Cobalt	NS	NS	10.4		5.8		9.5		7.4		7.9	
Copper	**50**	280	31.6		14.7		17.4		44		12.6	
Cyanide, Free	2.3	13	NR		NR		NR		NR		NR	
Iron	NS	NS	24,000		13,800		25,500		15,700		21,700	
Lead	**63**	400	4.8		**88**		11.1		**335**		10.2	
Magnesium	NS	NS	9,830		5,710		10,600		19,900		3,660	
Manganese	1,600	2,000	364		577		368		348		338	
Mercury	**0.18**	0.3	0.016	U	0.071		0.018	U	**0.41**		0.013	J
Nickel	**30**	320	22.5		13.3		29.1		13.2		16.2	
Potassium	NS	NS	2,720		1,540		3,020		1,620		976	
Selenium	4	110	0.15	J	0.16	J	1.1	U	0.36	J	0.14	J
Silver	2	110	0.34	U	0.32	U	0.34	U	0.2	J	0.34	U
Sodium	NS	NS	2,490		364		1,130		451		343	
Thallium	NS	NS	0.27	J	0.12	J	1		0.19	J	0.099	J
Tin	NS	NS	NR		NR		NR		NR		NR	
Vanadium	NS	NS	39.6		22.3		43.2		24.3		23.5	
Zinc	**109**	6,600	44.8		66.4		99.4		**170**		46.1	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A3-1_13-15_20250520		SRI-A3-2_3-5_20250520			SRI-A3-2_8-10_20250520	
		Lab Sample ID	460-327049-31		460-327049-26			460-327049-27	
		Sample Date	5/20/2025		5/20/2025			5/20/2025	
		Dilution Factor	1		1		3	1	
		Unit	mg/kg		mg/kg		mg/kg	mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC Q	CONC	Q
Aluminum	NS	NS	8,560		1,440		NR	15,500	
Antimony	NS	NS	1.1		0.17	J	NR	0.9	U
Arsenic	13	16	3		1.8		NR	4	
Barium	**410**	410	217		51.6		NR	47.3	
Beryllium	4.4	43	0.42		0.087	J	NR	0.53	
Boron	NS	NS	NR		NR		NR	NR	
Cadmium	**2.5**	2.5	0.15	J	0.77	U	NR	0.9	U
Calcium	NS	NS	19,700		5,940		NR	1,200	
Chromium, Hexavalent	1	1	NR		NR		NR	NR	
Chromium, Total	NS	NS	14.8		5.1		NR	18.7	
Cobalt	NS	NS	5.4		1.3	J	NR	7.9	
Copper	**50**	280	19.2		7.9		NR	11.1	
Cyanide, Free	2.3	13	NR		NR		NR	NR	
Iron	NS	NS	13,800		4,430		NR	22,100	
Lead	**63**	400	**187**		**106**		NR	8.9	
Magnesium	NS	NS	6,370		3,160		NR	4,220	
Manganese	1,600	2,000	300		64.8		NR	382	
Mercury	**0.18**	0.3	0.017	U	NR		**1**	0.019	U
Nickel	**30**	320	11.3		2.6		NR	15.3	
Potassium	NS	NS	1,120		386		NR	1,130	
Selenium	4	110	0.2	J	0.96	U	NR	1.1	U
Silver	2	110	0.33	U	0.31	U	NR	0.36	U
Sodium	NS	NS	181		68.2	J	NR	367	
Thallium	NS	NS	0.098	J	0.31	U	NR	0.12	J
Tin	NS	NS	NR		NR		NR	NR	
Vanadium	NS	NS	21.9		4.6		NR	25.8	
Zinc	**109**	6,600	**116**		27		NR	49.3	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A3-2_13-15_20250520				SRI-A3-3_3-5_20250520				SRI-A3-3_5-7_20250520	
		Lab Sample ID	460-327049-28				460-327049-18				460-327049-19	
		Sample Date	5/20/2025				5/20/2025				5/20/2025	
		Dilution Factor	1		5		1		3		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	27,000		NR		9,910		NR		14,800	
Antimony	NS	NS	0.89	U	NR		0.96		NR		0.29	J
Arsenic	13	16	2.4		NR		3		NR		4.3	J
Barium	**410**	410	122		NR		105		NR		58.9	
Beryllium	4.4	43	0.37		NR		0.49		NR		0.58	J
Boron	NS	NS	NR		NR		NR		NR		NR	
Cadmium	**2.5**	2.5	0.12	J	NR		0.25	J	NR		0.88	U
Calcium	NS	NS	NR		108,000		25,000		NR		1,160	J
Chromium, Hexavalent	1	1	NR		NR		NR		NR		NR	
Chromium, Total	NS	NS	24.5		NR		19.3		NR		18.6	
Cobalt	NS	NS	5.5		NR		6.9		NR		7.7	
Copper	**50**	280	12.3		NR		30.9		NR		12.4	
Cyanide, Free	2.3	13	NR		NR		NR		NR		NR	
Iron	NS	NS	15,500		NR		16,800		NR		21,400	
Lead	**63**	400	17.1		NR		**127**		NR		11.7	
Magnesium	NS	NS	NR		61,300		8,660		NR		3,620	J
Manganese	1,600	2,000	383		NR		263		NR		383	
Mercury	**0.18**	0.3	0.018	U	NR		NR		**1.5**		0.02	
Nickel	**30**	320	9.3		NR		15.9		NR		16.1	
Potassium	NS	NS	8,410		NR		2,330		NR		1,030	
Selenium	4	110	1.1	U	NR		0.14	J	NR		0.14	J
Silver	2	110	0.36	U	NR		0.087	J	NR		0.35	U
Sodium	NS	NS	985		NR		221		NR		111	J
Thallium	NS	NS	0.34	J	NR		0.15	J	NR		0.12	J
Tin	NS	NS	NR		NR		NR		NR		NR	
Vanadium	NS	NS	25.8		NR		29.3		NR		25.3	
Zinc	**109**	6,600	57.2		NR		**143**		NR		47.6	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-X-4_5-7_20250520		SRI-A3-3_13-15_20250520			SRI-A3-4_3-5_20250520		SRI-A3-4_6-8_20250520	
		Lab Sample ID	460-327049-21		460-327049-20			460-327049-23		460-327049-24	
		Sample Date	5/20/2025		5/20/2025			5/20/2025		5/20/2025	
		Dilution Factor	1		1		5	1		1	
		Unit	mg/kg		mg/kg		mg/kg	mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC Q	CONC	Q	CONC	Q
Aluminum	NS	NS	24,500		22,600		NR	8,150		10,600	
Antimony	NS	NS	0.85	U	0.82	U	NR	0.68	J	0.89	
Arsenic	13	16	1.6	J	0.46	J	NR	2.8		3.5	
Barium	**410**	410	43		17.5		NR	108		187	
Beryllium	4.4	43	1.8	J	0.87		NR	0.41		0.54	
Boron	NS	NS	NR		NR		NR	NR		NR	
Cadmium	**2.5**	2.5	0.85	U	0.47	J	NR	0.36	J	0.44	J
Calcium	NS	NS	10,200	J	NR		208,000	37,500		40,800	
Chromium, Hexavalent	1	1	NR		NR		NR	NR		NR	
Chromium, Total	NS	NS	27.9		27		NR	15.2		20.6	
Cobalt	NS	NS	10.3		4.2		NR	6.1		7.8	
Copper	**50**	280	26.1		4.7		NR	28.4		30.4	
Cyanide, Free	2.3	13	NR		NR		NR	NR		NR	
Iron	NS	NS	25,400		17,900		NR	14,400		16,100	
Lead	**63**	400	7.3		4.6		NR	**156**		**258**	
Magnesium	NS	NS	7,930	J	21,100		NR	14,700		9,820	
Manganese	1,600	2,000	510		383		NR	348		299	
Mercury	**0.18**	0.3	0.016	J	0.018	U	NR	**0.4**		**0.27**	
Nickel	**30**	320	25.1		9.4		NR	13.3		15.4	
Potassium	NS	NS	1,160		2,350		NR	1,460		2,030	
Selenium	4	110	1.1	U	1	U	NR	0.13	J	0.22	J
Silver	2	110	0.34	U	0.33	U	NR	0.32	U	0.09	J
Sodium	NS	NS	1,630	J	2,120		NR	332		545	
Thallium	NS	NS	0.25	J	0.2	J	NR	0.13	J	0.16	J
Tin	NS	NS	NR		NR		NR	NR		NR	
Vanadium	NS	NS	37.6		43.4		NR	21.7		27.3	
Zinc	**109**	6,600	51.3		55.9	JL	NR	**126**		**196**	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A3-4_13-15_20250520		SRI-A4-1_3-5_20250520			SRI-A4-2_3-5_20250520		SRI-A4-3_3-5_20250521	
		Lab Sample ID	460-327049-25		460-327049-32			460-327049-34		460-326874-3	
		Sample Date	5/20/2025		5/20/2025			5/20/2025		5/21/2025	
		Dilution Factor	1		1		10	1		1	
		Unit	mg/kg		mg/kg		mg/kg	mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC Q	CONC	Q	CONC	Q
Aluminum	NS	NS	14,000		10,100		NR	7,800		8,180	
Antimony	NS	NS	0.13	J	0.84	U	NR	1.6		0.2	J
Arsenic	13	16	0.68	J	0.56	J	NR	7		2.9	
Barium	**410**	410	7.5		8.6		NR	**502**		151	
Beryllium	4.4	43	1.1		0.62		NR	0.38		0.41	
Boron	NS	NS	NR		NR		NR	NR		NR	
Cadmium	**2.5**	2.5	0.82	U	0.84	U	NR	0.68	J	0.39	J
Calcium	NS	NS	9,860		NR		157,000	52,900		32,800	
Chromium, Hexavalent	1	1	NR		NR		NR	NR		NR	
Chromium, Total	NS	NS	17.6		13.6		NR	18.1		16.2	
Cobalt	NS	NS	9.1		5.4		NR	5.4		5.6	
Copper	**50**	280	21.4		11.1		NR	26.7		28.1	
Cyanide, Free	2.3	13	NR		NR		NR	NR		NR	
Iron	NS	NS	16,600		12,300		NR	15,200		12,800	
Lead	**63**	400	3.2		2.9		NR	**665**		**151**	
Magnesium	NS	NS	7,520		7,980		NR	7,580		9,870	
Manganese	1,600	2,000	318		293		NR	291		267	
Mercury	**0.18**	0.3	0.017	U	**0.26**		NR	**0.35**		**0.19**	
Nickel	**30**	320	16.2		12.6		NR	13.6		12.7	
Potassium	NS	NS	741		1,040		NR	1,690		1,680	
Selenium	4	110	1	U	1.1	U	NR	0.46	J	0.18	J
Silver	2	110	0.33	U	0.34	U	NR	0.12	J	0.1	J
Sodium	NS	NS	1,380		1,040		NR	563		450	
Thallium	NS	NS	0.22	J	0.087	J	NR	0.18	J	0.12	J
Tin	NS	NS	NR		NR		NR	NR		NR	
Vanadium	NS	NS	29		17.1		NR	24.7		22.9	
Zinc	**109**	6,600	24.8		22.7		NR	**345**		**168**	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-X-5_3-5_20250521		SRI-A4-3_8-10_20250521		SRI-A4-3_10-12_20250521		SRI-A4-4_3-5_20250521		SRI-A4-4_6-8_20250521	
		Lab Sample ID	460-326874-6		460-326874-4		460-326874-5		460-326874-1		460-326874-2	
		Sample Date	5/21/2025		5/21/2025		5/21/2025		5/21/2025		5/21/2025	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	10,800		12,900		11,100		8,030		3,300	
Antimony	NS	NS	0.18	J	1.1	UJ	0.26	J	0.34	J	0.26	J
Arsenic	13	16	3.6		2.5		3.5		4.2		3.4	
Barium	**410**	410	85.9		157		186		276		132	
Beryllium	4.4	43	0.53		0.72		0.51		0.38	J	0.18	J
Boron	NS	NS	NR		NR		NR		NR		NR	
Cadmium	**2.5**	2.5	0.26	J	0.24	J	0.44	J	0.51	J	0.42	J
Calcium	NS	NS	31,700		66,500		45,500		21,100		49,900	
Chromium, Hexavalent	1	1	NR		NR		NR		NR		NR	
Chromium, Total	NS	NS	18.3		22	JL	19.1		23.8		14.4	
Cobalt	NS	NS	6.8		6.7		6.5		5.9		2.7	
Copper	**50**	280	22.7		23.8	JK	42.3		29		21.3	
Cyanide, Free	2.3	13	NR		NR		NR		NR		NR	
Iron	NS	NS	16,500		17,100		15,600		14,000		6,890	
Lead	**63**	400	**118**		**205**		**265**		**335**		**255**	
Magnesium	NS	NS	10,900		13,100		11,100		11,300		3,360	
Manganese	1,600	2,000	261		315		281		269		148	
Mercury	**0.18**	0.3	**0.26**		0.13		0.11		**0.22**		**0.27**	
Nickel	**30**	320	15.8		15.2		15.5		19		11.5	
Potassium	NS	NS	1,380		1,920		2,000		1,620		723	
Selenium	4	110	0.17	J	0.19	J	0.14	J	0.22	J	1.3	U
Silver	2	110	0.39	U	0.46	U	0.38	U	0.097	J	0.41	U
Sodium	NS	NS	514		978	JL	712		292		173	
Thallium	NS	NS	0.12	J	0.16	J	0.15	J	0.13	J	0.079	J
Tin	NS	NS	NR		NR		NR		NR		NR	
Vanadium	NS	NS	23.3		29.6	JL	28.7		24.3		9.6	
Zinc	**109**	6,600	**122**		**130**	**JK**	**181**		**202**		**288**	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

	AKRF Sample ID		SRI-B1-1_3-5_20250519			SRI-B1-2_3-5_20250519		SRI-B1-2_5-7_20250519		SRI-B1-2_13-15_20250519	
	Lab Sample ID		460-326755-17			460-326755-13		460-326755-14		460-326755-15	
	Sample Date		5/19/2025			5/19/2025		5/19/2025		5/19/2025	
	Dilution Factor		1		5	1		1		1	
	Unit		mg/kg		mg/kg	mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	6,970		NR	12,100		9,510		10,100	
Antimony	NS	NS	0.4	J	NR	0.26	J	0.14	J	0.84	U
Arsenic	13	16	4.2		NR	1.8		1.6		1.3	
Barium	**410**	410	**1,630**	**J**	NR	115		89.9		74.3	
Beryllium	4.4	43	0.31	J	NR	0.72		0.57		0.49	
Boron	NS	NS	NR		NR	NR		NR		NR	
Cadmium	**2.5**	2.5	1	J	NR	0.24	J	0.1	J	0.84	U
Calcium	NS	NS	32,100		NR	13,300		25,800		1,850	
Chromium, Hexavalent	1	1	NR		NR	NR		NR		NR	
Chromium, Total	NS	NS	13.9	JK	NR	28.7		35		25.5	
Cobalt	NS	NS	4.5		NR	11.8		8.8		7.4	
Copper	**50**	280	11.4		NR	23.5		17.4		18.2	
Cyanide, Free	2.3	13	NR		NR	NR		NR		NR	
Iron	NS	NS	10,100		NR	29,700		23,900		16,000	
Lead	**63**	400	NR		**709**	**J**	**80.4**		25.9		4.9
Magnesium	NS	NS	2,450		NR	9,520		10,400		4,510	
Manganese	1,600	2,000	172		NR	430		422		168	
Mercury	**0.18**	0.3	**0.33**		NR	0.014	J	0.026		0.017	U
Nickel	**30**	320	9.7		NR	24.8		18.3		18.5	
Potassium	NS	NS	862		NR	5,350		3,360		1,900	
Selenium	4	110	0.17	J	NR	1.1	U	1.1	U	1.1	U
Silver	2	110	0.35	U	NR	0.34	U	0.34	U	0.34	U
Sodium	NS	NS	98.2		NR	220		250		290	
Thallium	NS	NS	0.053	J	NR	0.3	J	0.19	J	0.13	J
Tin	NS	NS	NR		NR	NR		NR		NR	
Vanadium	NS	NS	14.4		NR	46.9		35.8		29.7	
Zinc	**109**	6,600	**997**	**J**	NR	106		69.1		32.6	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-X-1_13-15_20250519		SRI-B1-3_3-5_20250519			SRI-B1-3_5-7_20250519	
		Lab Sample ID	460-326755-12		460-326755-19			460-326755-20	
		Sample Date	5/19/2025		5/19/2025			5/19/2025	
		Dilution Factor	1		1		10	1	
		Unit	mg/kg		mg/kg		mg/kg	mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC Q	CONC	Q
Aluminum	NS	NS	9,950		18,400		NR	11,700	
Antimony	NS	NS	0.83	U	0.88	U	NR	0.85	U
Arsenic	13	16	1.3	JL	0.82	J	NR	2.6	
Barium	**410**	410	90.3		177		NR	59.5	
Beryllium	4.4	43	0.42		3.7		NR	0.34	
Boron	NS	NS	NR		NR		NR	NR	
Cadmium	**2.5**	2.5	0.83	U	0.88	U	NR	0.85	U
Calcium	NS	NS	1,550		1,350		NR	768	
Chromium, Hexavalent	1	1	NR		NR		NR	NR	
Chromium, Total	NS	NS	23.3	JL	30.7		NR	18.5	
Cobalt	NS	NS	6.4		24.1		NR	7.1	
Copper	**50**	280	19		8.2		NR	**72.5**	
Cyanide, Free	2.3	13	NR		NR		NR	NR	
Iron	NS	NS	16,100		NR		81,900	21,700	
Lead	**63**	400	4.6	JL	17		NR	5.5	
Magnesium	NS	NS	3,550		6,490		NR	3,710	
Manganese	1,600	2,000	156	JL	681		NR	593	
Mercury	**0.18**	0.3	0.018	U	0.019	U	NR	0.018	U
Nickel	**30**	320	17.2		**53.8**		NR	15.2	
Potassium	NS	NS	1,990		9,420		NR	2,140	
Selenium	4	110	1	U	1.1	U	NR	1.1	U
Silver	2	110	0.33	U	0.35	U	NR	0.34	U
Sodium	NS	NS	236	JL	132		NR	56.1	J
Thallium	NS	NS	0.13	J	0.96		NR	0.12	J
Tin	NS	NS	NR		NR		NR	NR	
Vanadium	NS	NS	28.3		65.1		NR	25.2	
Zinc	**109**	6,600	29.4	JL	**210**		NR	38.8	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B1-3_13-15_20250519			SRI-B1-4_3-5_20250519		SRI-X-2_3-5_20250519		SRI-B1-4_5-7_20250519	
		Lab Sample ID	460-326755-21			460-326755-22		460-326755-18		460-326755-23	
		Sample Date	5/19/2025			5/19/2025		5/19/2025		5/19/2025	
		Dilution Factor	1		2	1		1		1	
		Unit	mg/kg		mg/kg	mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	13,700		NR		12,100		10,600		12,000	
Antimony	NS	NS	0.9	U	NR		0.43	J	0.27	J	0.3	J
Arsenic	13	16	1.2		NR		4.1		2.9		3	
Barium	**410**	410	160		NR		84.8		69.5		79.3	
Beryllium	4.4	43	1.4		NR		0.64		0.53		0.53	
Boron	NS	NS	NR		NR		NR		NR		NR	
Cadmium	**2.5**	2.5	0.9	U	NR		0.4	J	0.22	J	0.29	J
Calcium	NS	NS	4,430		NR		6,970		8,950		8,100	
Chromium, Hexavalent	1	1	NR		NR		NR		NR		NR	
Chromium, Total	NS	NS	40.8		NR		23.5		17.9		18.6	
Cobalt	NS	NS	15.9		NR		8.2		6.8		8.4	
Copper	**50**	280	13.3		NR		22.9		18.1		20	
Cyanide, Free	2.3	13	NR		NR		NR		NR		NR	
Iron	NS	NS	NR		48,800		25,300		17,100		18,100	
Lead	**63**	400	11.8		NR		**121**		56.1		**63.8**	
Magnesium	NS	NS	7,540		NR		4,530		5,190		5,770	
Manganese	1,600	2,000	314		NR		372		425		556	
Mercury	**0.18**	0.3	0.018	U	NR		0.069		0.056		0.093	
Nickel	**30**	320	**34.1**		NR		18.2		15.1		17.3	
Potassium	NS	NS	8,080		NR		1,600		1,620		1,820	
Selenium	4	110	1.1	U	NR		0.25	J	0.13	J	0.11	J
Silver	2	110	0.36	U	NR		0.37	U	0.35	U	0.34	U
Sodium	NS	NS	152		NR		152		155		139	
Thallium	NS	NS	0.52		NR		0.14	J	0.13	J	0.15	J
Tin	NS	NS	NR		NR		NR		NR		NR	
Vanadium	NS	NS	59.4		NR		33.9		25.5		26.4	
Zinc	**109**	6,600	**115**		NR		**227**	**J**	79.8	J	91.4	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B1-4_13-15_20250519				SRI-B2-2_3-5_20250520		SRI-B2-2_8-10_20250520	
		Lab Sample ID	460-326755-24				460-327049-5		460-327049-6	
		Sample Date	5/19/2025				5/20/2025		5/20/2025	
		Dilution Factor	1		2		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	4,640		NR		6,220		13,800	
Antimony	NS	NS	0.92	U	NR		3.9		7.7	
Arsenic	13	16	0.92		NR		3.2		5.6	
Barium	**410**	410	23.1		NR		47.7		203	
Beryllium	4.4	43	3.2		NR		0.38		0.93	
Boron	NS	NS	NR		NR		NR		NR	
Cadmium	**2.5**	2.5	0.92	U	NR		0.16	J	**4.5**	
Calcium	NS	NS	1,180		NR		34,700		52,300	
Chromium, Hexavalent	1	1	NR		NR		NR		NR	
Chromium, Total	NS	NS	48		NR		15.8		62.7	
Cobalt	NS	NS	7.3		NR		4.4		10.1	
Copper	**50**	280	38		NR		26.4		**163**	
Cyanide, Free	2.3	13	NR		NR		NR		NR	
Iron	NS	NS	NR		52,900		12,600		18,800	
Lead	**63**	400	21.6		NR		59.4		**1,030**	
Magnesium	NS	NS	198		NR		4,800		15,400	
Manganese	1,600	2,000	446		NR		166		185	
Mercury	**0.18**	0.3	0.02	U	NR		0.057		**0.22**	
Nickel	**30**	320	**30.8**		NR		9.5		**43.8**	
Potassium	NS	NS	94.5		NR		991		1,720	
Selenium	4	110	1.1	U	NR		0.13	J	0.53	J
Silver	2	110	0.37	U	NR		0.33	U	0.82	
Sodium	NS	NS	183		NR		382		537	
Thallium	NS	NS	0.37	U	NR		0.049	J	0.13	J
Tin	NS	NS	NR		NR		NR		NR	
Vanadium	NS	NS	47.5		NR		27.6		55.5	
Zinc	**109**	6,600	78.6		NR		78.9		**1,040**	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B2-2_13-15_20250520				SRI-B3-1_3-5_20250521		SRI-B3-1_5-7_20250521		SRI-B3-2B_8-10_20250521	
		Lab Sample ID	460-327049-7				460-326874-15		460-326874-16		460-326874-11	
		Sample Date	5/20/2025				5/21/2025		5/21/2025		5/21/2025	
		Dilution Factor	1		5		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	19,800		NR		20,600		18,700		10,600	
Antimony	NS	NS	0.86	U	NR		1.1	U	0.97	U	0.98	U
Arsenic	13	16	0.61	J	NR		0.98	J	0.88	J	0.92	J
Barium	**410**	410	10.2		NR		24.8		11.6		65.2	
Beryllium	4.4	43	1		NR		1.2		1.4		0.66	
Boron	NS	NS	NR		NR		NR		NR		NR	
Cadmium	**2.5**	2.5	0.23	J	NR		1.1	U	0.97	U	0.98	U
Calcium	NS	NS	NR		165,000		9,400		81,900		1,680	
Chromium, Hexavalent	1	1	NR		NR		NR		NR		NR	
Chromium, Total	NS	NS	34.4		NR		30.2		22.5		19.5	
Cobalt	NS	NS	6		NR		7.5		7		8.7	
Copper	**50**	280	18.5		NR		12		15.1		19	
Cyanide, Free	2.3	13	NR		NR		NR		NR		NR	
Iron	NS	NS	17,100		NR		23,400		18,400		17,800	
Lead	**63**	400	23.3		NR		5.5		4.9		4.8	
Magnesium	NS	NS	13,000		NR		16,100		10,500		6,540	
Manganese	1,600	2,000	218		NR		425		386		325	
Mercury	**0.18**	0.3	0.019	U	NR		0.018	U	0.017	U	0.019	U
Nickel	**30**	320	13.1		NR		21.6		16.9		18.7	
Potassium	NS	NS	828		NR		1,470		840		2,910	
Selenium	4	110	1.1	U	NR		1.3	U	1.2	U	1.2	U
Silver	2	110	0.34	U	NR		0.42	U	0.39	U	0.39	U
Sodium	NS	NS	1,670		NR		3,000		2,260		229	
Thallium	NS	NS	0.13	J	NR		0.3	J	0.19	J	0.22	J
Tin	NS	NS	NR		NR		NR		NR		NR	
Vanadium	NS	NS	32.3		NR		37.9		30.7		26.6	
Zinc	**109**	6,600	70.1		NR		50.8		35.2		**121**	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B3-2B_12-14_20250521		SRI-B3-2C_3-5_20250521		SRI-B3-3_8-10_20250521		SRI-B3-3_13-15_20250521		SRI-B3-3B_3-5_20250221	
		Lab Sample ID	460-326874-12		460-326874-20		460-326874-13		460-326874-14		460-326874-21	
		Sample Date	5/21/2025		5/21/2025		5/21/2025		5/21/2025		5/21/2025	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	9,950		7,570		8,820		6,400		13,900	
Antimony	NS	NS	1	U	1.4		1	U	0.91	U	1.1	U
Arsenic	13	16	1		4.3		0.97	J	0.56	J	3.5	
Barium	**410**	410	60.8		380		68.6		66.5		63.6	
Beryllium	4.4	43	0.53		0.37	J	0.38	J	0.28	J	0.58	
Boron	NS	NS	NR		NR		NR		NR		NR	
Cadmium	**2.5**	2.5	0.15	J	1		1	U	0.91	U	1.1	U
Calcium	NS	NS	1,800		25,400		1,360		5,710		1,230	
Chromium, Hexavalent	1	1	NR		NR		NR		NR		NR	
Chromium, Total	NS	NS	22.5		19.1		17.5		12.9		18.4	
Cobalt	NS	NS	9.3		5.5		5.8		6.1		8.3	
Copper	**50**	280	18.9		43.2		17.7		13.3		13.4	
Cyanide, Free	2.3	13	NR		NR		NR		NR		NR	
Iron	NS	NS	17,400		13,400		12,900		12,100		20,500	
Lead	**63**	400	4.8		**608**		3.7		3.9		18.1	
Magnesium	NS	NS	6,570		8,530		3,270		5,900		4,770	
Manganese	1,600	2,000	377		225		344		187		422	
Mercury	**0.18**	0.3	0.017	U	**0.6**		0.017	U	0.017	U	0.12	
Nickel	**30**	320	19.5		14.2		14.8		12.3		16.9	
Potassium	NS	NS	2,700		1,310		1,430		2,800		950	
Selenium	4	110	1.3	U	0.22	J	1.3	U	1.1	U	0.18	J
Silver	2	110	0.4	U	0.16	J	0.41	U	0.37	U	0.44	U
Sodium	NS	NS	281		166		268		226		237	
Thallium	NS	NS	0.21	J	0.11	J	0.1	J	0.13	J	0.12	J
Tin	NS	NS	NR		NR		NR		NR		NR	
Vanadium	NS	NS	27.4		20.5		21.3		20		25.9	
Zinc	**109**	6,600	86.4		**385**		28.4		29.1		55.3	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B3-4_3-5_20250521			SRI-B3-4_6-8_20250521		SRI-B3-4_13-15_20250521		SRI-B4-1A_3-5_20250521	
		Lab Sample ID	460-326874-8			460-326874-9		460-326874-10		460-326874-17	
		Sample Date	5/21/2025			5/21/2025		5/21/2025		5/21/2025	
		Dilution Factor	1		60	1		1		1	
		Unit	mg/kg		mg/kg	mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	11,300		NR		11,700		7,330		9,160	
Antimony	NS	NS	0.49	J	NR		1.1	U	1	U	1	U
Arsenic	13	16	3.2		NR		2.8		0.54	J	3.9	
Barium	**410**	410	129		NR		59.6		55.1		166	
Beryllium	4.4	43	0.58		NR		0.37	J	0.27	J	0.53	
Boron	NS	NS	NR		NR		NR		NR		NR	
Cadmium	**2.5**	2.5	1.1	U	NR		1.1	U	1	U	0.36	J
Calcium	NS	NS	18,500		NR		947		22,700		44,000	
Chromium, Hexavalent	1	1	NR		NR		NR		NR		NR	
Chromium, Total	NS	NS	16.3		NR		15.4		12.4		17.4	
Cobalt	NS	NS	6		NR		8		6.9		6.4	
Copper	**50**	280	14.4		NR		8.9		17.2		24	
Cyanide, Free	2.3	13	NR		NR		NR		NR		NR	
Iron	NS	NS	14,300		NR		18,100		12,400		16,400	
Lead	**63**	400	60.8		NR		7.9		4		**244**	
Magnesium	NS	NS	6,140		NR		2,760		14,100		14,500	
Manganese	1,600	2,000	373		NR		666		162		342	
Mercury	**0.18**	0.3	NR		**43.2**		0.017	J	0.017	U	**0.26**	
Nickel	**30**	320	13		NR		11.2		12.7		14.3	
Potassium	NS	NS	887		NR		691		2,360		1,780	
Selenium	4	110	0.28	J	NR		0.22	J	1.3	U	0.16	J
Silver	2	110	0.11	J	NR		0.43	U	0.41	U	0.41	U
Sodium	NS	NS	218		NR		89	J	350		274	
Thallium	NS	NS	0.12	J	NR		0.081	J	0.13	J	0.16	J
Tin	NS	NS	NR		NR		NR		NR		NR	
Vanadium	NS	NS	21.5		NR		19.7		20		27.4	
Zinc	**109**	6,600	44.3		NR		37.2		31		**159**	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B4-1A_8-10_20250521		SRI-B4-1A_13-15_20250521		SRI-B4-1B_15-17_20250522		SRI-B4-2A_3-5_20250522		SRI-B4-2A_8-10_20250522	
		Lab Sample ID	460-326874-18		460-326874-19		460-327318-7		460-327318-4		460-327318-5	
		Sample Date	5/21/2025		5/21/2025		5/22/2025		5/22/2025		5/22/2025	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	14,100		5,730		3,390		6,150		1,590	
Antimony	NS	NS	1	U	1.1	U	0.13	J	0.52	J	0.17	J
Arsenic	13	16	2.8		2.8		0.9		2.8		1.3	
Barium	**410**	410	65.4		152		93.3		180		23.1	
Beryllium	4.4	43	0.71		0.29	J	0.1	J	0.3	J	0.068	J
Boron	NS	NS	NR		NR		NR		NR		NR	
Cadmium	**2.5**	2.5	1	U	0.35	J	0.1	J	0.32	J	0.82	U
Calcium	NS	NS	2,170		31,300		4,370		19,600		10,800	
Chromium, Hexavalent	1	1	NR		NR		NR		NR		NR	
Chromium, Total	NS	NS	19.3		11.1		5.9		12.5		10.2	
Cobalt	NS	NS	7.6		5.5		1.9		4.6		1.1	J
Copper	**50**	280	14		34.6		6.3		18.5		10.5	
Cyanide, Free	2.3	13	NR		NR		NR		NR		NR	
Iron	NS	NS	19,300		13,200		6,080		10,900		2,920	
Lead	**63**	400	34.2		**200**		56		**248**		26.7	
Magnesium	NS	NS	5,010		11,700		2,530		7,620		1,200	
Manganese	1,600	2,000	461		337		86.8		181		53.3	
Mercury	**0.18**	0.3	0.028		0.14		0.019		0.077		0.0082	J
Nickel	**30**	320	16		10		3.7		10.6		4.6	
Potassium	NS	NS	672		1,220		1,300		1,020		152	
Selenium	4	110	1.3	U	1.3	U	1	U	0.12	J	1	U
Silver	2	110	0.42	U	0.42	U	0.32	U	0.35	U	0.33	U
Sodium	NS	NS	665		244		69.9	J	178		77.3	J
Thallium	NS	NS	0.14	J	0.096	J	0.063	J	0.087	J	0.33	U
Tin	NS	NS	NR		NR		NR		NR		NR	
Vanadium	NS	NS	25.5		19.7		8.7		25.1		5.7	
Zinc	**109**	6,600	55		**164**		54.6		**157**		45.4	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B4-2A_11-13_20250522		SRI-B4-3_3-5_20250522		SRI-B4-3_8-10_20250522				SRI-B4-3_13-15_20250522	
		Lab Sample ID	460-327318-6		460-327318-8		460-327318-9				460-327318-10	
		Sample Date	5/22/2025		5/22/2025		5/22/2025				5/22/2025	
		Dilution Factor	1		1		1		5		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	1,400		7,680		4,330		NR		4,620	
Antimony	NS	NS	0.12	J	0.33	J	0.69	J	NR		0.81	U
Arsenic	13	16	0.86		3		4.7		NR		0.49	J
Barium	**410**	410	26.9		199		150		NR		40.9	
Beryllium	4.4	43	0.072	J	0.37		0.25	J	NR		0.19	J
Boron	NS	NS	NR		NR		NR		NR		NR	
Cadmium	**2.5**	2.5	0.81	U	0.33	J	0.43	J	NR		0.81	U
Calcium	NS	NS	3,570		65,900		NR		93,000		38,100	
Chromium, Hexavalent	1	1	NR		NR		NR		NR		NR	
Chromium, Total	NS	NS	6.6		17.3		13.9		NR		10.2	
Cobalt	NS	NS	1	J	5.6		5.4		NR		3.9	
Copper	**50**	280	5.5		19.5		**60.4**		NR		10.1	
Cyanide, Free	2.3	13	NR		NR		NR		NR		NR	
Iron	NS	NS	3,880		14,400		11,300		NR		9,490	
Lead	**63**	400	29.4		**270**		**503**		NR		4.8	
Magnesium	NS	NS	1,220		8,180		38,500		NR		18,800	
Manganese	1,600	2,000	40.7		310		232		NR		209	
Mercury	**0.18**	0.3	0.016	U	0.12		0.15		NR		0.017	U
Nickel	**30**	320	2.5		12.9		8.1		NR		8.3	
Potassium	NS	NS	200		1,390		671		NR		1,480	
Selenium	4	110	1	U	1.1	U	0.17	J	NR		1	U
Silver	2	110	0.32	U	0.36	U	0.094	J	NR		0.32	U
Sodium	NS	NS	46.4	J	211		333		NR		191	
Thallium	NS	NS	0.32	U	0.12	J	0.079	J	NR		0.078	J
Tin	NS	NS	NR		NR		NR		NR		NR	
Vanadium	NS	NS	7.1		22.2		18.8		NR		16	
Zinc	**109**	6,600	32.8		**156**		**112**		NR		16.9	

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B4-4_3-5_20250522		SRI-B4-4_8-10_20250522		SRI-B4-4_13-15_20250522		SRI-FB-1_20250519		SRI-FB-2_20250519	
		Lab Sample ID	460-327318-1		460-327318-2		460-327318-3		460-326755-9		460-326755-10	
		Sample Date	5/22/2025		5/22/2025		5/22/2025		5/19/2025		5/19/2025	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		µg/L		µg/L	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	7,460		5,380		8,160		40	U	19.5	J
Antimony	NS	NS	0.34	J	0.28	J	0.85	U	2	U	2	U
Arsenic	13	16	2.7		12.7		0.9		2	U	2	U
Barium	**410**	410	145		20		79.7		4	U	4	U
Beryllium	4.4	43	0.34		0.37		0.35		0.8	U	0.8	U
Boron	NS	NS	NR		NR		NR		NR		NR	
Cadmium	**2.5**	2.5	0.26	J	0.9	U	0.85	U	0.92	U	0.92	U
Calcium	NS	NS	11,900		803		40,500		500	U	500	U
Chromium, Hexavalent	1	1	NR		NR		NR		NR		NR	
Chromium, Total	NS	NS	13.3		9.5		16.9		4	U	4	U
Cobalt	NS	NS	5.7		5.3		7.7		2	U	2	U
Copper	**50**	280	31.8		15.3		20.2		4	U	4	U
Cyanide, Free	2.3	13	NR		NR		NR		NR		NR	
Iron	NS	NS	16,100		22,800		19,200		120	U	120	U
Lead	**63**	400	**243**		5.3		5.2		1.2	U	1.2	U
Magnesium	NS	NS	5,970		1,990		21,500		200	U	200	U
Manganese	1,600	2,000	275		94.8		266		8	U	8	U
Mercury	**0.18**	0.3	0.12		0.019	U	0.019	U	0.2	U	0.2	U
Nickel	**30**	320	13.9		9.7		14.9		4	U	4	U
Potassium	NS	NS	1,040		722		3,540		200	U	200	U
Selenium	4	110	1.1	U	0.19	J	1.1	U	2.5	U	2.5	U
Silver	2	110	0.34	U	0.36	U	0.34	U	2	U	2	U
Sodium	NS	NS	185		116		199		500	U	500	U
Thallium	NS	NS	0.081	J	0.042	J	0.21	J	0.5	U	0.5	U
Tin	NS	NS	NR		NR		NR		NR		NR	
Vanadium	NS	NS	17.1		17.2		30		4	U	4	U
Zinc	**109**	6,600	**117**		30.2		42		16	U	16	U

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-FB-3_20250520		SRI-FB-4_20250520		SRI-FB-5_20250521	
		Lab Sample ID	460-327049-36		460-327049-37		460-326874-7	
		Sample Date	5/20/2025		5/20/2025		5/21/2025	
		Dilution Factor	1		1		1	
		Unit	µg/L		µg/L		µg/L	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	40	U	40	U	40	U
Antimony	NS	NS	2	U	2	U	2	U
Arsenic	13	16	2	U	2	U	2	U
Barium	**410**	410	4	U	4	U	4	U
Beryllium	4.4	43	0.8	U	0.8	U	0.8	U
Boron	NS	NS	NR		NR		NR	
Cadmium	**2.5**	2.5	0.92	U	0.92	U	0.92	U
Calcium	NS	NS	500	U	500	U	500	U
Chromium, Hexavalent	1	1	NR		NR		NR	
Chromium, Total	NS	NS	4	U	4	U	4	U
Cobalt	NS	NS	2	U	2	U	2	U
Copper	**50**	280	4	U	4	U	4	U
Cyanide, Free	2.3	13	NR		NR		NR	
Iron	NS	NS	120	U	120	U	120	U
Lead	**63**	400	1.2	U	1.2	U	1.2	U
Magnesium	NS	NS	200	U	200	U	200	U
Manganese	1,600	2,000	8	U	8	U	8	U
Mercury	**0.18**	0.3	0.2	U	0.2	U	0.2	U
Nickel	**30**	320	4	U	4	U	4	U
Potassium	NS	NS	200	U	200	U	200	U
Selenium	4	110	2.5	U	2.5	U	2.5	U
Silver	2	110	2	U	2	U	2	U
Sodium	NS	NS	500	U	500	U	500	U
Thallium	NS	NS	0.5	U	0.5	U	0.5	U
Tin	NS	NS	NR		NR		NR	
Vanadium	NS	NS	4	U	4	U	4	U
Zinc	**109**	6,600	16	U	6.8	J	16	U

Tables 1-5
350 Grand Concourse
Bronx, NY
Remedial Investigation
Notes

DEFINITIONS

D : Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.

J : The concentration given is an estimated value.

K : Reported concentration value is proportional to dilution factor and may be exaggerated

L : Sample result is estimated and biased low.

ND : The standard is a non-detectable concentration by the approved analytical method.

NR : Not reported.

NS : No standard.

R : Indicates the reported result is unusable (note: the analyte may or may not be present).

U : The analyte was not detected at the indicated concentration.

UJ : The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be innaccurate or imprecise.

mg/kg : milligrams per kilogram

ppb : parts per billion

ppt : parts per trillion

µg/L : micrograms per liter

µg/m^3 : micrograms per cubic meter of air

STANDARDS

Part 375 Soil Cleanup Objectives : Soil Cleanup Objectives listed in New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations [6 New York Codes, Rules and Regulations (NYCRR) Part 375].

Note: Endosulfans ABS represents the detected sum of Endosulfan I, Endosulfan II, and Endosulfan Sulfate.

Exceedances of Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) are highlighted in bold font
Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) are highlighted in gray shading
Exceedances of Part 375 Prote4ction of Groundwater Soil Cleanup Objectives (PGWSCOs) are highlighted with an underline

NYSDEC Part 375 PFAS Guidance Values : New York State Department of Environmental Conservation (NYSDEC) Sampling, Analysis and Assessment Of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs Issued January 2021.

Exceedances of NYSDEC PFAS Unrestricted Use Guidance Values (UUGVs) are highlighted in bold font
Exceedances of NYSDEC PFAS Restricted Residential Guidance Values (RRGVs) are highlighted in gray shading
Exceedances of NYSDEC PFAS Protection of Groundwater Guidance Values (PGWGVs) are highlighted with an underline.

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

Exceedances of NYSDEC Class GA AWQSGVs are highlighted in bold font.

DUPLICATES

RI-MW-X_20220211 is a blind duplicate of sample RIMW-22_20220211
RI-SB-X_20220204 is a blind duplicate of sample RI-SB-16_0-2_20220204
RI-SB-X_20220203 is a blind duplicate of sample RI-SB-21_0-2_20220203
SRI-X-1_13-15_20250519 is a blind duplicate of sample SRI-B1-2_13-15_20250519
SRI-X-2_3-5_20250519 is a blind duplicate of sample SRI-B1-4_3-5_20250519
SRI-X-3_13-15_20250520 is a blind duplicate of sample SRI-A2-1_13-15_20250520
SRI-X-4_5-7_20250520 is a blind duplicate of sample SRI-A3-3_5-7_20250520
SRI-X-5_3-5_20250521 is a blind duplicate of sample SRI-A4-3_3-5_20250521
SRI-X-6_3-5_20250521 is a blind duplicate of sample SRI-B3-1_3-5_20250521
SRI-X-7_3-5_20250522 is a blind duplicate of sample SRI-A1-3B_3-5_20250522

APPENDIX E
SIGNIFICANT THREAT DETERMINATION DOCUMENTATION

(Fact Sheet Begins Next)

Act Now to Continue Receiving Information About This Site!

DEC's Division of Environmental Remediation (DER) now distributes information about contaminated sites *electronically by email*.

If you would like to continue to receive information about the contaminated site featured in this fact sheet:

You must sign up for the DER email listserv:

https://dec.ny.gov/environmental-protection/site-cleanup/regional-remediation-project-information/environmental-cleanup-email-newsletters

DER cannot register your email address - only the email address owner can do so. If you already have signed up for the listserv for the county in which the site is located, you need do nothing.

Why You Should Go "Paperless":

- ☑ Get site information faster and share it easily;
- ☑ Receive information about all sites in a chosen county - read what you want, delete the rest;
- ☑ It helps the environment and stretches your tax dollars.

If "paperless" is not an option for you, call or write to the DER project manager identified in this fact sheet. Indicate that you need to receive paper copies of fact sheets through the Postal Service. Include the site name in your correspondence. The option to receive paper is available to individuals only. Groups, organizations, businesses, and government entities are assumed to have email access.

350 Rising

Brownfield Cleanup Program
Site No. C203153
New York City, Bronx County

Department of Environmental Conservation

December 2025

Cleanup Proposed for Brownfield Site Contamination; Public Comment Period Announced

The public is invited to comment on a proposed remedy being reviewed by the New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), to address contamination related to 350 Rising site ("site") located at 350 Grand Concourse, New York City, Bronx County. Please see the map for the site location.

Remedial Investigation Report: The Remedial Investigation Report (RIR) describes the results of the site investigation and recommends development of a cleanup plan to address the contamination that was found. The RIR was submitted by 350 GC Property Owner LLC ("applicant").

Based on the findings of the investigation, NYSDEC in consultation with the New York State Department of Health (NYSDOH) has determined that the site does not pose a significant threat to public health or the environment. This decision is based on the nature of the existing contaminants identified at the site; the potential for off-site migration of contaminants in the groundwater; and the potential for human exposure to site-related contaminants via soil vapors.

How to Comment

NYSDEC is accepting written comments about the proposed plan, called a "Draft Remedial Action Work Plan (RAWP)" for 45 days, from **December 10, 2025 through January 24, 2026.**

- Access the RIR, RAWP, and other project documents online through the DECinfo Locator: https://extapps.dec.ny.gov/data/DecDocs/C203153/.
- Documents also are available at the location(s) identified under "Where to Find Information."
- Please submit comments to the NYSDEC project manager listed under Project-Related Questions in the "Contact Information" area.

Draft Remedial Action Work Plan

The proposed Restricted Residential Use remedy plan consists of:

- Excavation and off-site disposal of contaminated soil to approximately 5 feet below ground surface across the majority of the site, and to depth ranging from 8 to 25 feet below ground surface in petroleum-contaminated hot spots areas across the site;
- Removing Underground Storage Tanks encountered during excavations;
- Groundwater treatment by application of a chemical treatment additive to treat volatile organic compounds (VOCs) in site groundwater;
- Collecting and analyzing post-cleanup soil, groundwater, and soil vapor samples to evaluate the effectiveness of the cleanup;
- Importing clean material that meets the established Soil Cleanup Objectives for use as backfill;

- Implementation of a Health and Safety Plan and Community Air Monitoring Plan during all ground intrusive activities;
- Implementation of a Site Management Plan (SMP) would also be required for long term maintenance of the remedial systems; and
- Recording of an Environmental Easement to ensure proper use of the site.

The proposed cleanup plan was developed by the applicant after performing a detailed investigation of the site under New York's Brownfield Cleanup Program (BCP).

Next Steps

NYSDEC will consider public comments, revise the remedy plan as necessary, and issue a final Decision Document. NYSDOH must concur with the proposed cleanup. After approval, the proposed cleanup becomes the selected cleanup. The applicant may then design and perform the cleanup action to address the site contamination, with oversight by NYSDEC and NYSDOH.

NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

Site Description

The site is 0.71-acres and is bordered on the west by Grand Concourse, on the south by a nine-story hotel, on the east by a vacant vegetated area, followed by Metro North Railroads tracks, and on the north by residential buildings. Prior to 1935, the site had been used for residential purposes. From 1935 through 2021 the site was occupied by gasoline service stations, auto sales, auto body repair shops. The on-site structures were demolished in summer 2022 and the site is currently vacant.

Planned redevelopment at the site consists of a 14-story mixed commercial and residential use building with a planned affordable housing component. The anticipated cleanup standard is for restricted residential use.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the site ID, C203153) at:
https://appfactory.dec.ny.gov/DERExternalSearch/ERDSearch

Summary of the Investigation

The primary contaminants of concern at the site are volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals in soil, VOCs, SVOCs, and metals in groundwater and VOCs in soil vapor. This contamination is the result of the presence of historic fill or past site uses.

Brownfield Cleanup Program

New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses may include recreation, housing, business or other uses. A brownfield site is any real property where a contaminant is present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance adopted by DEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations.
For more information about the BCP, visit:
https://dec.ny.gov/environmental-protection/site-cleanup/brownfield-and-state-superfund-programs/brownfield

Stay Informed with DEC Delivers

We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Sign up to receive site updates by email:
https://dec.ny.gov/environmental-protection/site-cleanup/regional-remediation-project-information/environmental-cleanup-email-newsletters
Note: Please disregard if you already have signed up and received this fact sheet electronically.

DECinfo Locator

Interactive map to access DEC documents and public data about the environmental quality of specific sites: https://dec.ny.gov/maps/interactive-maps/decinfo-locator

CONTACT INFORMATION

Project-Related Questions
Javier Perez-Maldonado, Project Manager
NYSDEC, Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7016
P: (518) 402-8172
javier.perez-maldonado@dec.ny.gov

Project-Related Health Questions
Kristin Kulow
NYSDOH, Bureau of Environmental Exposure and Investigation
Bureau of Environmental Exposure Investigation
28 Hill St
Suite 201
Oneonta, NY 13820
P: (607) 353-4335
kristin.kulow@health.ny.gov

WHERE TO FIND INFORMATION

Access project documents through the DECinfo Locator and at these location(s):
https://extapps.dec.ny.gov/data/DecDocs/C203153/

New York Public Library – Woodstock Library Branch
761 East 160th Street,
Bronx, New York 10456
Phone: (718) 665-6255

Bronx Community Board District 1
3030 3rd Avenue,
Bronx, New York 10455
Phone: (718) 585-7117

Site Location

Site Map

250 Rising Site
New York City, Bronx County
Site No. C203153

NEW YORK STATE | Department of Environmental Conservation

www.dec.ny.gov

Translation Available. Don't see your language? Ask!

English	To request to have this document translated into your preferred language, please contact the person below. There is no charge for the translation.
Español Spanish	Para solicitar la traducción de este documento al idioma que prefiera, comuníquese con la persona que aparece abajo. La traducción es gratis.
简体字 Simplified Chinese	如需将此文件翻译成您偏好的语言，请与以下人员联系。翻译服务免费。
Русский Russian	Чтобы запросить перевод этого документа на предпочитаемый вами язык, пожалуйста, свяжитесь с указанным ниже лицом. Перевод предоставляется бесплатно.
אידיש Yiddish	צו פארלאנגען צו האבן די דאקומענט איבערגעזעצט אין אייער שפראך, ביטע פארבינדט זיך מיט די מענטש אנגעוויזן אונטן. מען דארף נישט צאלן פארן איבערטייטשן.
বাঙালি Bengali	এই নথিটি আপনার পছন্দের ভাষায় অনুবাদ করার অনুরোধ করতে, অনুগ্রহ করে নীচে উল্লেখ করা ব্যক্তির সাথে যোগাযোগ করুন। অনুবাদের জন্য কোন অর্থ লাগবে না।
한국어 Korean	이 파일을 선호하는 언어로 번역하려면 아래 담당자에게 연락해 주세요. 번역 서비스는 무료입니다.
Kreyòl Ayisyen Haitian Creole	Pou w fè demann tradiksyon dokiman sa a nan lang ou prefere a, tanpri kontakte moun ki anba a. Ou p ap peye pou tradiksyon an.
Italiano Italian	Per richiedere la traduzione di questo documento nella tua lingua preferita, contatta la persona indicata qui sotto. La traduzione non prevede costi aggiuntivi.
العربية Arabic	لطلب ترجمة هذا المستند إلى لغتك المفضلة، يُرجى الاتصال بالشخص التالي. تقدم خدمات الترجمة مجانًا ودون تكلفة.
Polski Polish	Aby poprosić o przetłumaczenie tego dokumentu na preferowany język, skontaktuj się z osobą wskazaną poniżej. Tłumaczenie nie jest odpłatne.
Français French	Veuillez contacter la personne mentionnée ci-dessous afin de procéder à votre demande de traduction de document pour votre langage de préférence. La traduction est gratuite.
اردو Urdu	اس دستاویز کا ترجمہ آپ کی ترجیحی زبان میں کروانے کی درخواست کرنے کے لیے، براہ کرم ذیل کے فرد سے رابطہ کریں۔ اس ترجمہ کے لیے کوئی چارج نہیں ہے۔

Javier Perez-Maldonado | **Phone:** (518) 402-8172 | **Email:** javier.perez-maldonado@dec.ny.gov

APPENDIX F
SANBORN MAPS

350 Grand Concourse

350-370 Grand Concourse

Bronx, NY 10451

Inquiry Number: 7818191.3

November 11, 2024

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

11/11/24

Site Name:

350 Grand Concourse
350-370 Grand Concourse
Bronx, NY 10451
EDR Inquiry # 7818191.3

Client Name:

AKRF, Inc.
440 Park Avenue, South 7th Floor
New York, NY 10016
Contact: Mackenzie Miller

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by AKRF, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 29B5-48DD-940C

PO # 240979

Project 350 Grand Concourse

Maps Provided:

2007	1996	1984	1944
2006	1995	1981	1935
2005	1994	1980	1928
2004	1993	1978	1922
2003	1992	1977	1908
2002	1991	1951	1891
2001	1989	1947	
1998	1986	1946	

Sanborn® Library search results

Certification #: 29B5-48DD-940C

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

AKRF, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

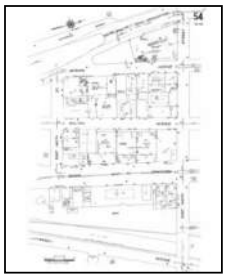
Copyright 2024 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2007 Source Sheets

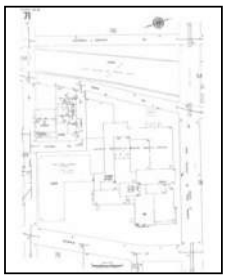


Volume 9N, Sheet 54
2007

Volume 9N, Sheet 68
2007

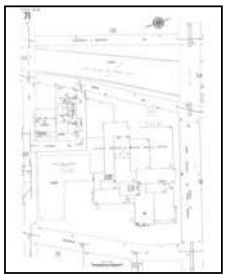
Volume 9N, Sheet 56
2007

Volume 9N, Sheet 53
2007



Volume 9N, Sheet 71
2007

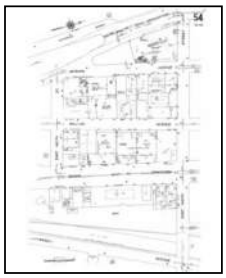
2006 Source Sheets



Volume 9N, Sheet 71
2006

Volume 9N, Sheet 56
2006

Volume 9N, Sheet 53
2006



Volume 9N, Sheet 54
2006

Volume 9N, Sheet 68
2006

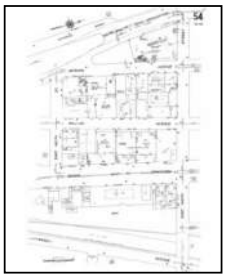
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

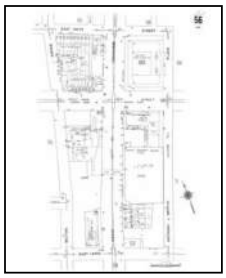
2005 Source Sheets

Volume 9N, Sheet 68
2005

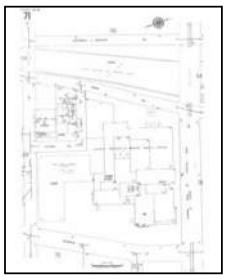
Volume 9N, Sheet 53
2005



Volume 9N, Sheet 54
2005



Volume 9N, Sheet 56
2005



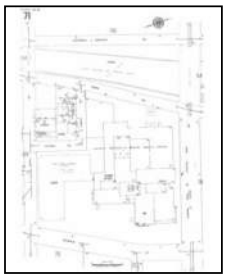
Volume 9N, Sheet 71
2005

2004 Source Sheets

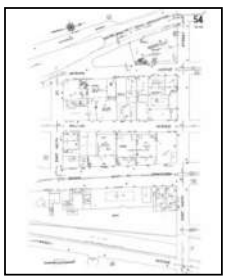
Volume 9N, Sheet 68
2004

Volume 9N, Sheet 56
2004

Volume 9N, Sheet 53
2004



Volume 9N, Sheet 71
2004

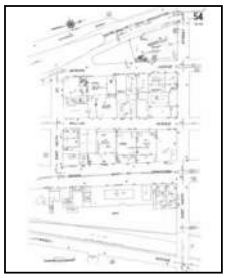


Volume 9N, Sheet 54
2004

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

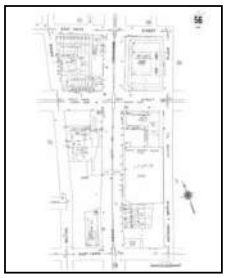
2003 Source Sheets



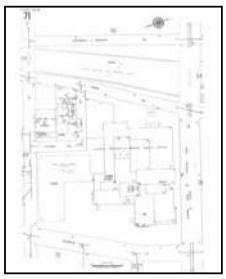
Volume 9N, Sheet 54
2003

Volume 9N, Sheet 68
2003

Volume 9N, Sheet 53
2003

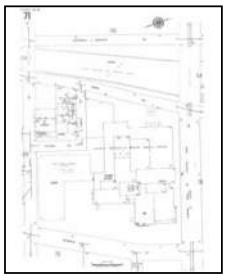


Volume 9N, Sheet 56
2003



Volume 9N, Sheet 71
2003

2002 Source Sheets

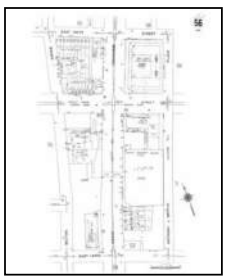


Volume 9N, Sheet 71
2002

Volume 9N, Sheet 54
2002

Volume 9N, Sheet 68
2002

Volume 9N, Sheet 53
2002

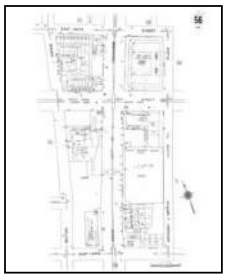


Volume 9N, Sheet 56
2002

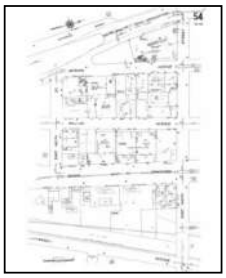
Sanborn Sheet Key

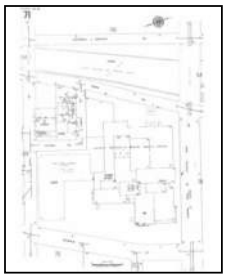
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

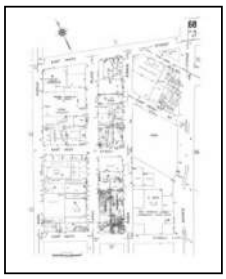
2001 Source Sheets


Volume 9N, Sheet 56
2001

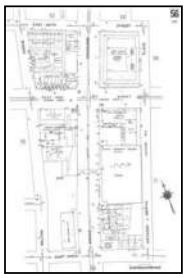
Volume 9N, Sheet 53
2001


Volume 9N, Sheet 54
2001


Volume 9N, Sheet 71
2001


Volume 9N, Sheet 68
2001

1998 Source Sheets


Volume 9N, Sheet 56
1998

Volume 9N, Sheet 71
1998

Volume 9N, Sheet 54
1998

Volume 9N, Sheet 53
1998

Volume 9N, Sheet 68
1998

1996 Source Sheets

Volume 9N, Sheet 56
1996

Volume 9N, Sheet 68
1996

Volume 9N, Sheet 53
1996

Volume 9N, Sheet 54
1996

Volume 9N, Sheet 71
1996

Sanborn Sheet Key

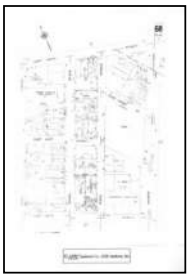
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1995 Source Sheets

Volume 9N, Sheet 56
1995

Volume 9N, Sheet 71
1995

Volume 9N, Sheet 54
1995

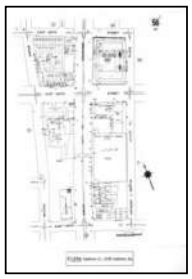

Volume 9N, Sheet 68
1995

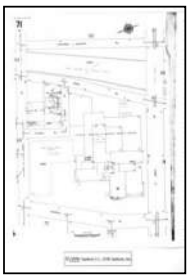
Volume 9N, Sheet 53
1995

1994 Source Sheets

Volume 9N, Sheet 68
1994

Volume 9N, Sheet 54
1994

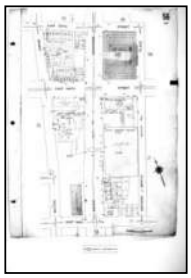

Volume 9N, Sheet 56
1994

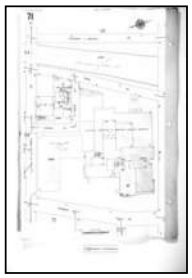

Volume 9N, Sheet 71
1994

Volume 9N, Sheet 53
1994

1993 Source Sheets

Volume 9N, Sheet 68
1993


Volume 9N, Sheet 56
1993


Volume 9N, Sheet 71
1993

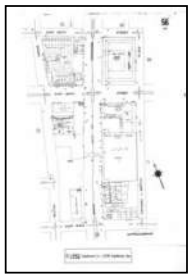
Volume 9N, Sheet 53
1993

Volume 9N, Sheet 54
1993

1992 Source Sheets

Volume 9N, Sheet 54
1992

Volume 9N, Sheet 68
1992


Volume 9N, Sheet 56
1992

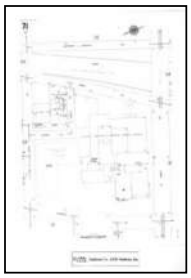
Volume 9N, Sheet 71
1992

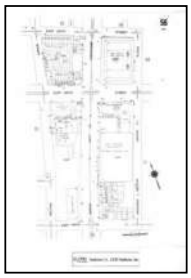
Volume 9N, Sheet 53
1992

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1991 Source Sheets


Volume 9N, Sheet 71
1991


Volume 9N, Sheet 56
1991

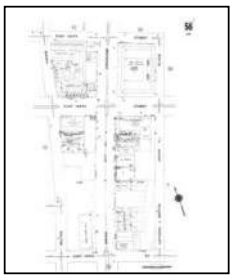
Volume 9N, Sheet 68
1991

Volume 9N, Sheet 53
1991

Volume 9N, Sheet 54
1991

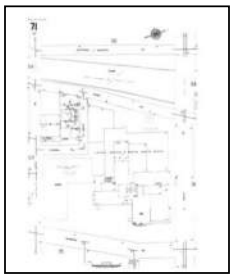
1989 Source Sheets

Volume 9N, Sheet 54
1989

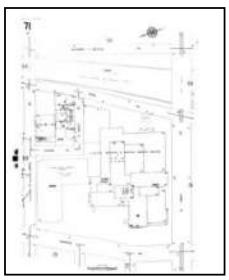

Volume 9N, Sheet 56
1989

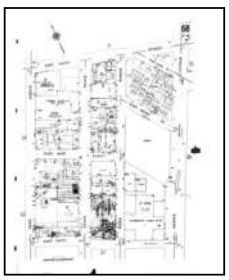
Volume 9N, Sheet 53
1989

Volume 9N, Sheet 68
1989

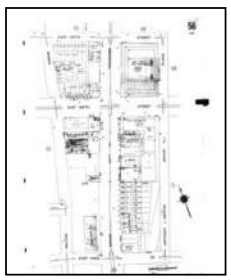

Volume 9N, Sheet 71
1989

1986 Source Sheets


Volume 9N, Sheet 71
1986


Volume 9N, Sheet 68
1986

Volume 9N, Sheet 54
1986


Volume 9N, Sheet 56
1986

Sanborn Sheet Key

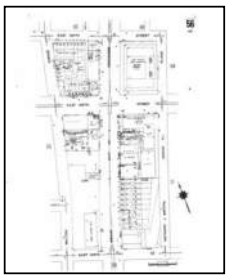
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1986 Source Sheets

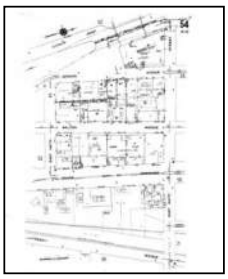
Volume 9N, Sheet 53
1986

1984 Source Sheets

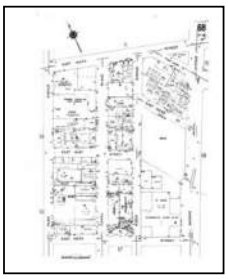
Volume 9N, Sheet 53
1984



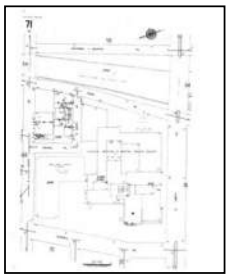
Volume 9N, Sheet 56
1984



Volume 9N, Sheet 54
1984



Volume 9N, Sheet 68
1984



Volume 9N, Sheet 71
1984

1981 Source Sheets

Volume 9N, Sheet 71
1981

Volume 9N, Sheet 71
1981

Volume 9N, Sheet 68
1981

Volume 9N, Sheet 53
1981

Volume 9N, Sheet 56
1981

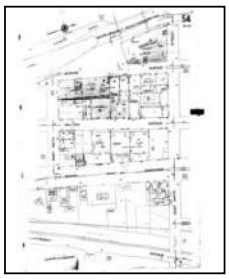
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1981 Source Sheets

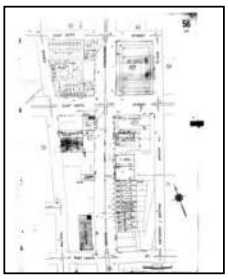
Volume 9N, Sheet 54
1981

1980 Source Sheets

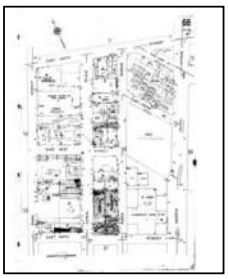


Volume 9N, Sheet 54
1980

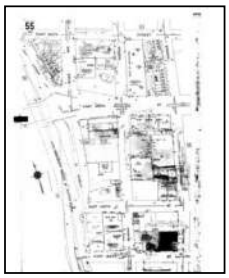
Volume 9N, Sheet 53
1980



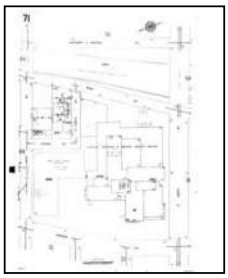
Volume 9N, Sheet 56
1980



Volume 9N, Sheet 68
1980

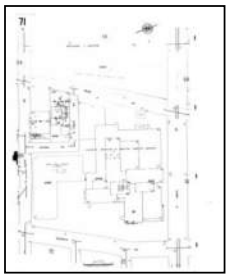


Volume 9N, Sheet 55
1980

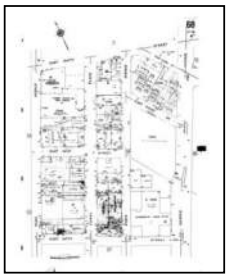


Volume 9N, Sheet 71
1980

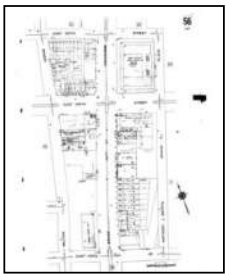
1978 Source Sheets



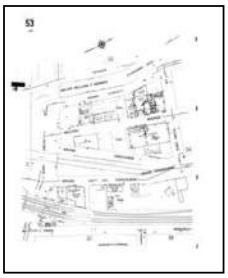
Volume 9N, Sheet 71
1978



Volume 9N, Sheet 68
1978



Volume 9N, Sheet 56
1978

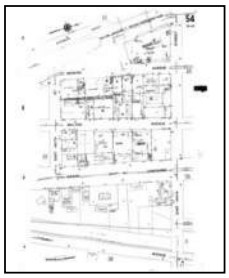


Volume 9N, Sheet 53
1978

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1978 Source Sheets



Volume 9N, Sheet 54
1978

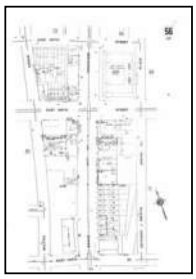
1977 Source Sheets

Volume 9N, Sheet 54
1977

Volume 9N, Sheet 53
1977

Volume 9N, Sheet 68
1977

Volume 9N, Sheet 71
1977

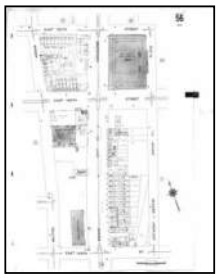


Volume 9N, Sheet 56
1977

1951 Source Sheets

Volume 9N, Sheet 71
1951

Volume 9N, Sheet 68
1951



Volume 9N, Sheet 56
1951

Volume 9N, Sheet 53
1951

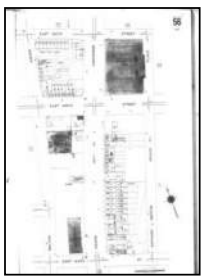
Volume 9N, Sheet 54
1951

1947 Source Sheets

Volume 9N, Sheet 54
1947

Volume 9N, Sheet 68
1947

Volume 9N, Sheet 53
1947



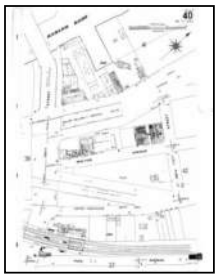
Volume 9N, Sheet 56
1947

Volume 9N, Sheet 71
1947

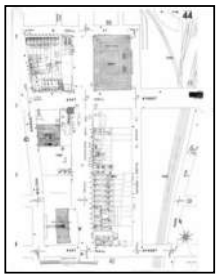
Sanborn Sheet Key

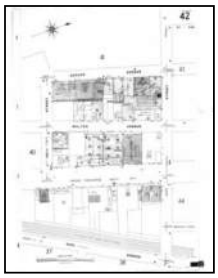
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1946 Source Sheets


Volume 9, Sheet 40
1946

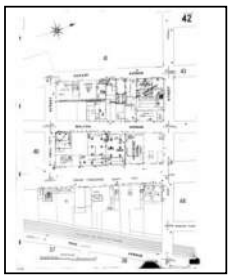
Volume 9, Sheet 38
1946

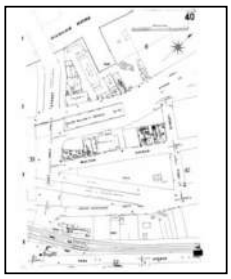

Volume 9, Sheet 44
1946


Volume 9, Sheet 42
1946

Volume 9, Sheet 37
1946

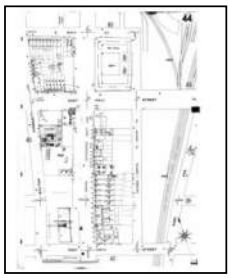
1944 Source Sheets


Volume 9, Sheet 42
1944


Volume 9, Sheet 40
1944

Volume 9, Sheet 37
1944

Volume 9, Sheet 38
1944


Volume 9, Sheet 44
1944

1935 Source Sheets

Volume 9, Sheet 37
1935

Volume 9, Sheet 44
1935

Volume 9, Sheet 42
1935

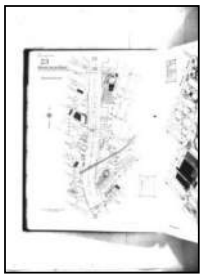
Volume 9, Sheet 38
1935

Volume 9, Sheet 40
1935

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1928 Source Sheets

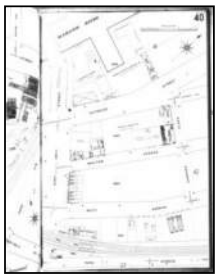


Volume Pier Maps, Sheet 23
1928

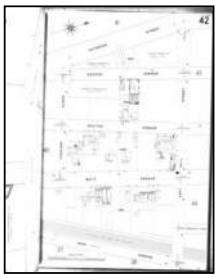
1922 Source Sheets

Volume Pier Maps, Sheet 23
1922

1908 Source Sheets



Volume 9, Sheet 40
1908



Volume 9, Sheet 42
1908

Volume 9, Sheet 38
1908

Volume 9, Sheet 37
1908

Volume 9, Sheet 44
1908

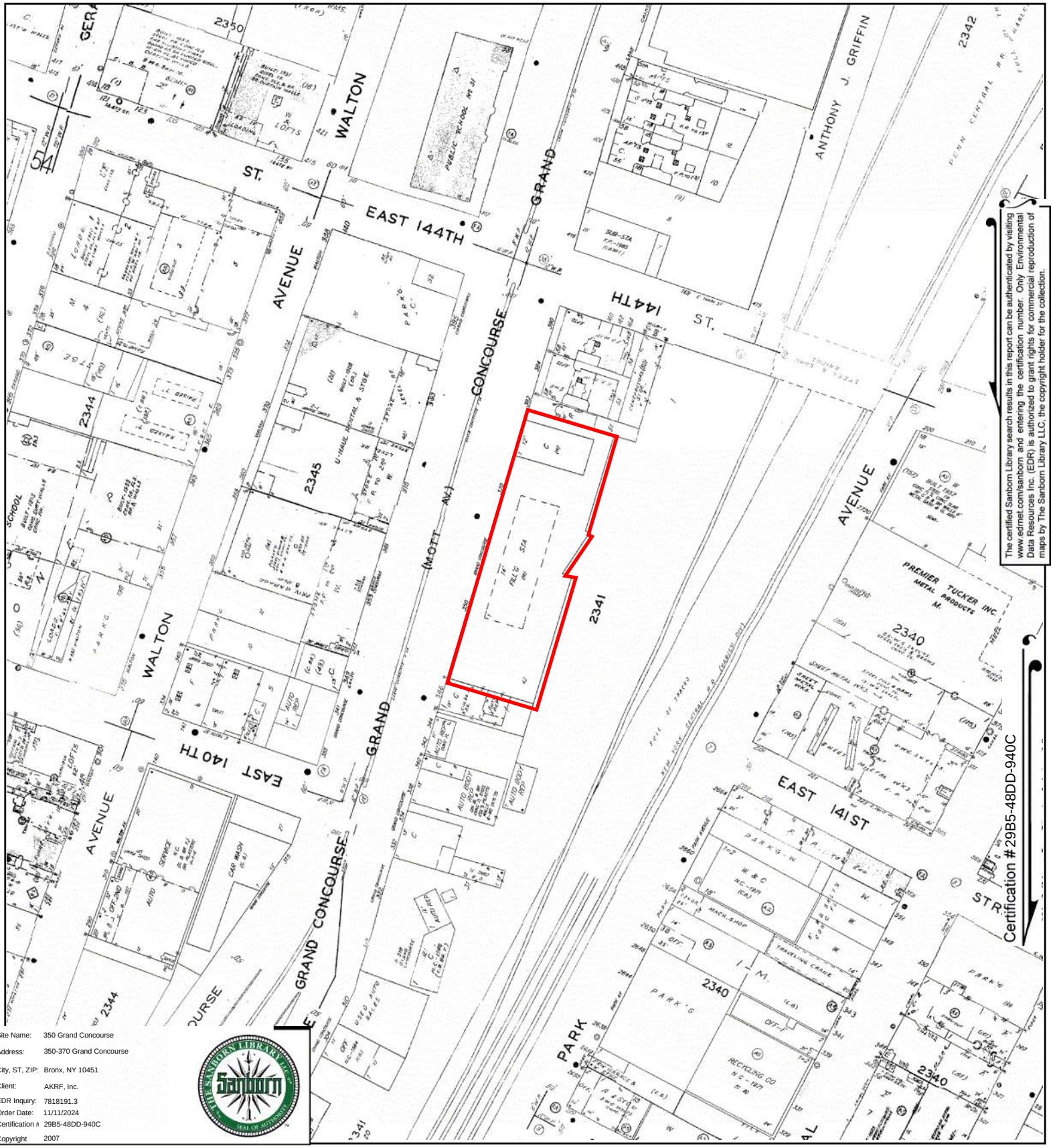
1891 Source Sheets

Volume 9, Sheet 194
1891

Volume 9, Sheet 204
1891

Volume 9, Sheet 205
1891

Volume 9, Sheet 194
1891

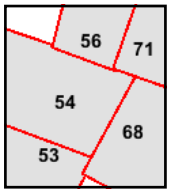


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #	29B5-48DD-940C
Copyright	2007

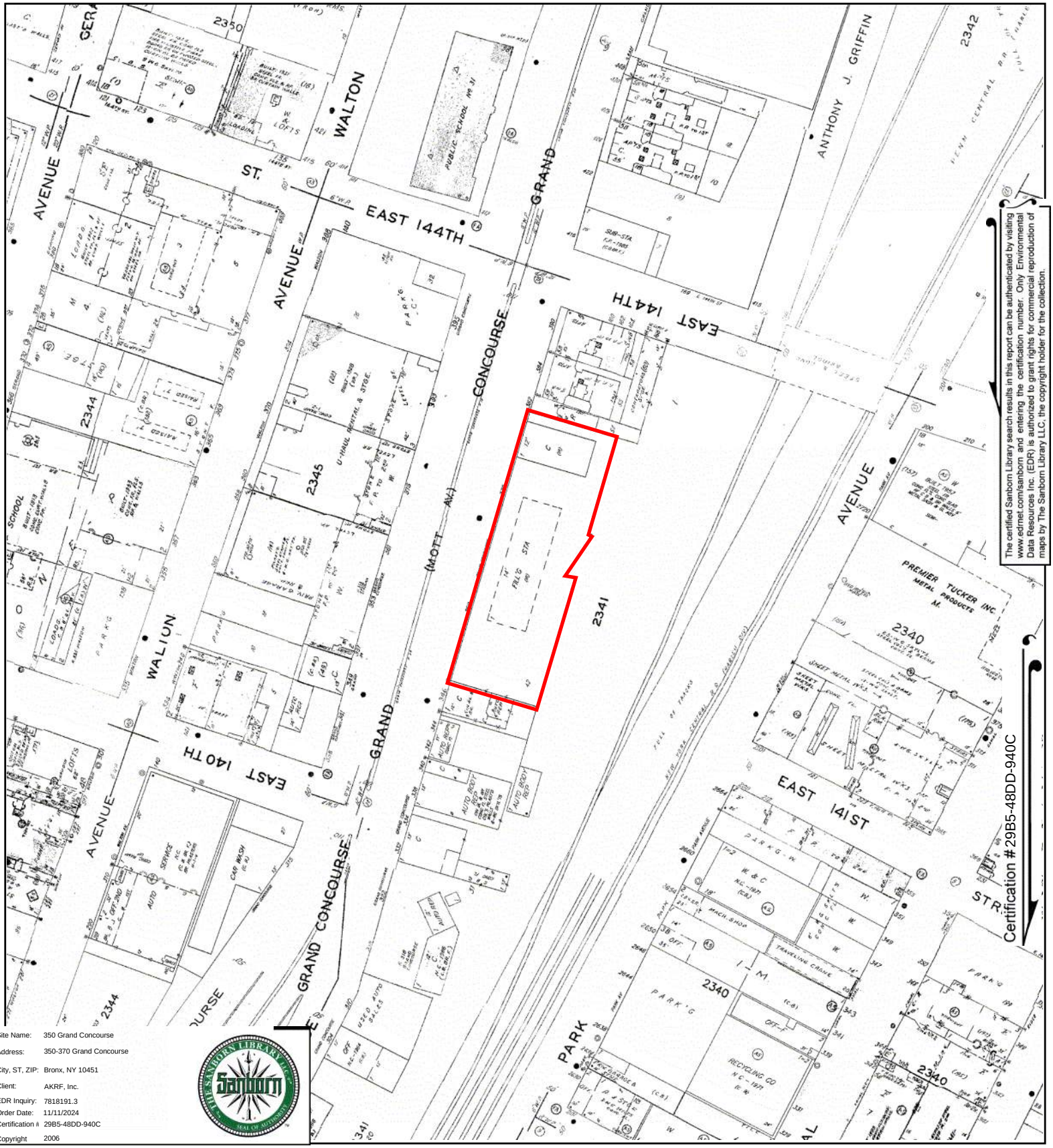
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 71
Volume 9N, Sheet 53
Volume 9N, Sheet 56
Volume 9N, Sheet 68
Volume 9N, Sheet 54

0 Feet 150 300 600

N

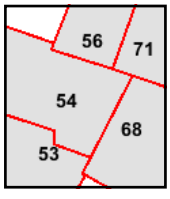


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	2006

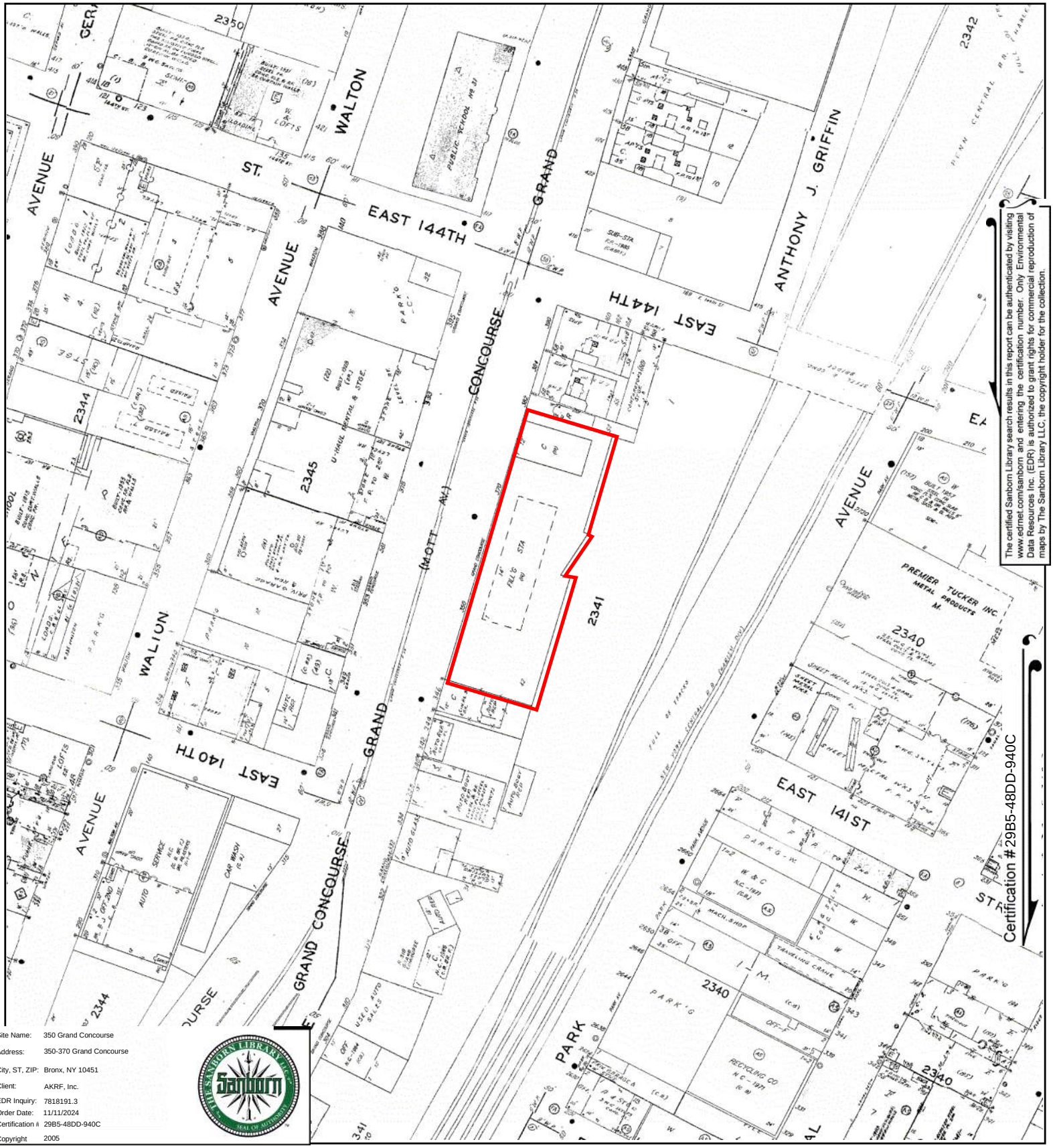
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 68
Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 56
Volume 9N, Sheet 71

N



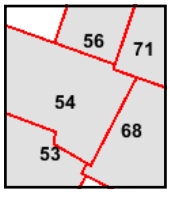
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	2005

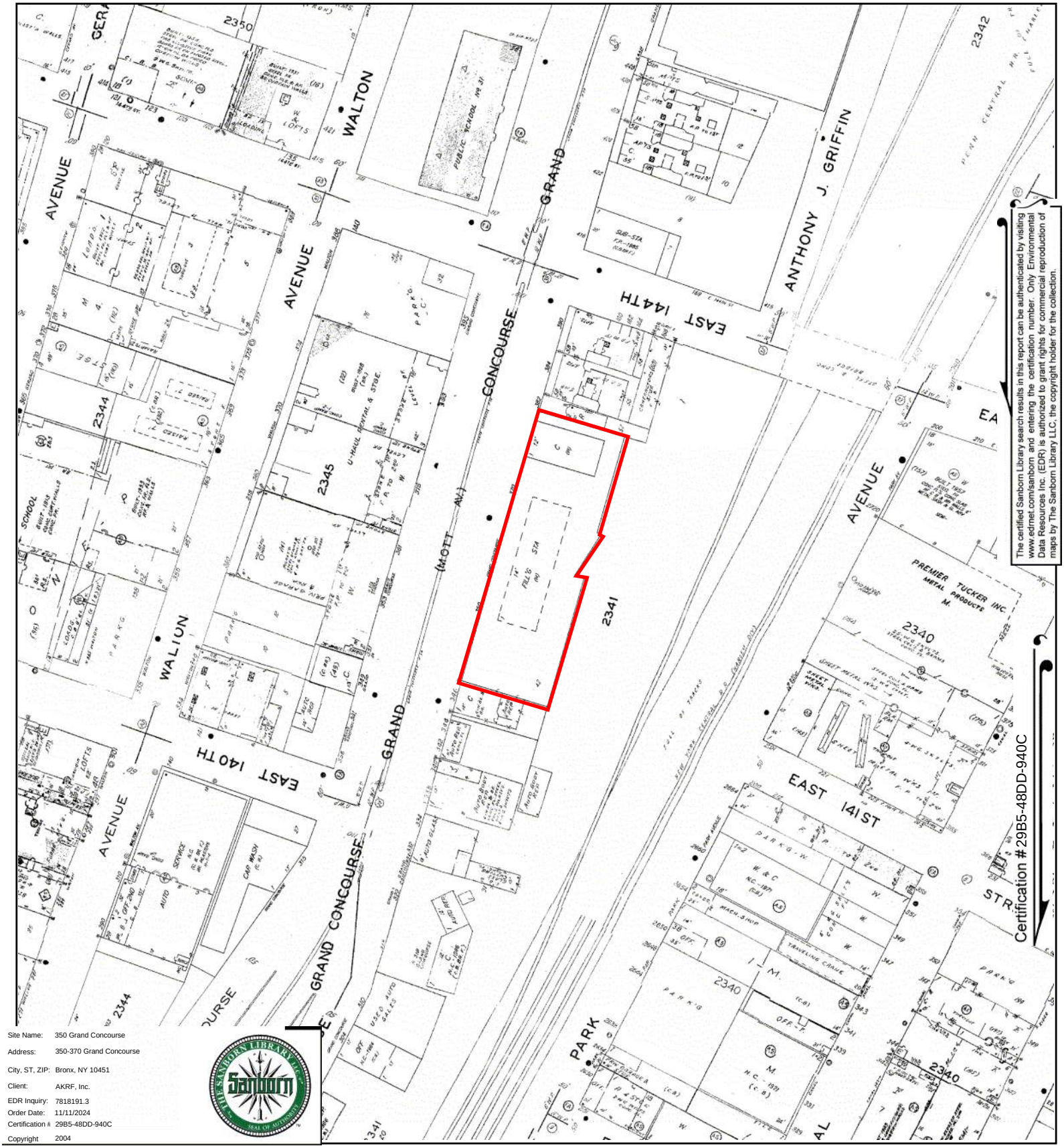
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 71
Volume 9N, Sheet 56
Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 68

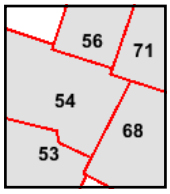
N



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #	29B5-48DD-940C
Copyright	2004

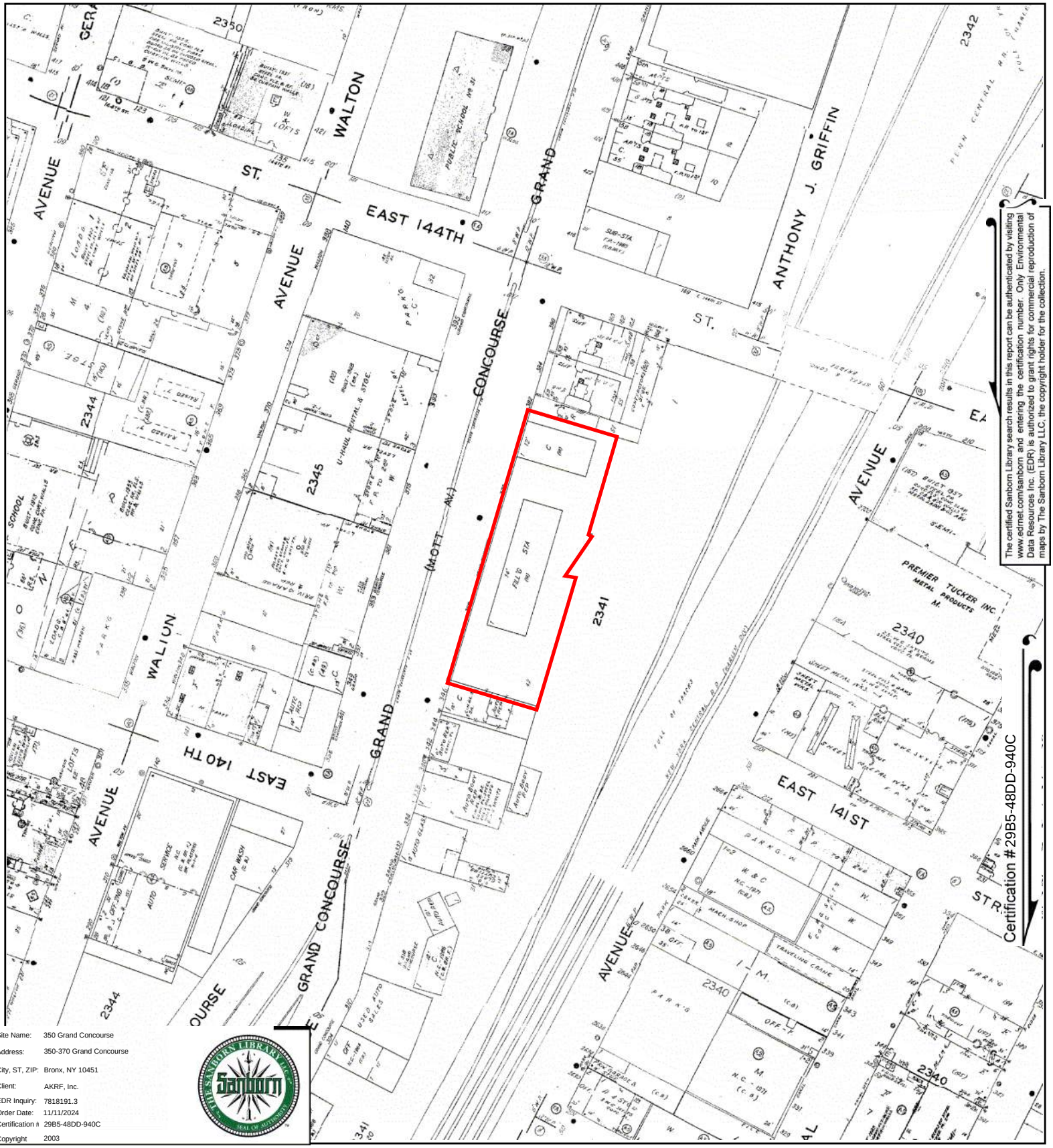
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 54
Volume 9N, Sheet 71
Volume 9N, Sheet 53
Volume 9N, Sheet 56
Volume 9N, Sheet 68

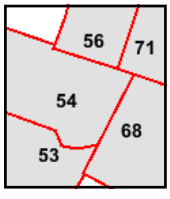
0 Feet 150 300 600

N



Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #	29B5-48DD-940C
Copyright	2003

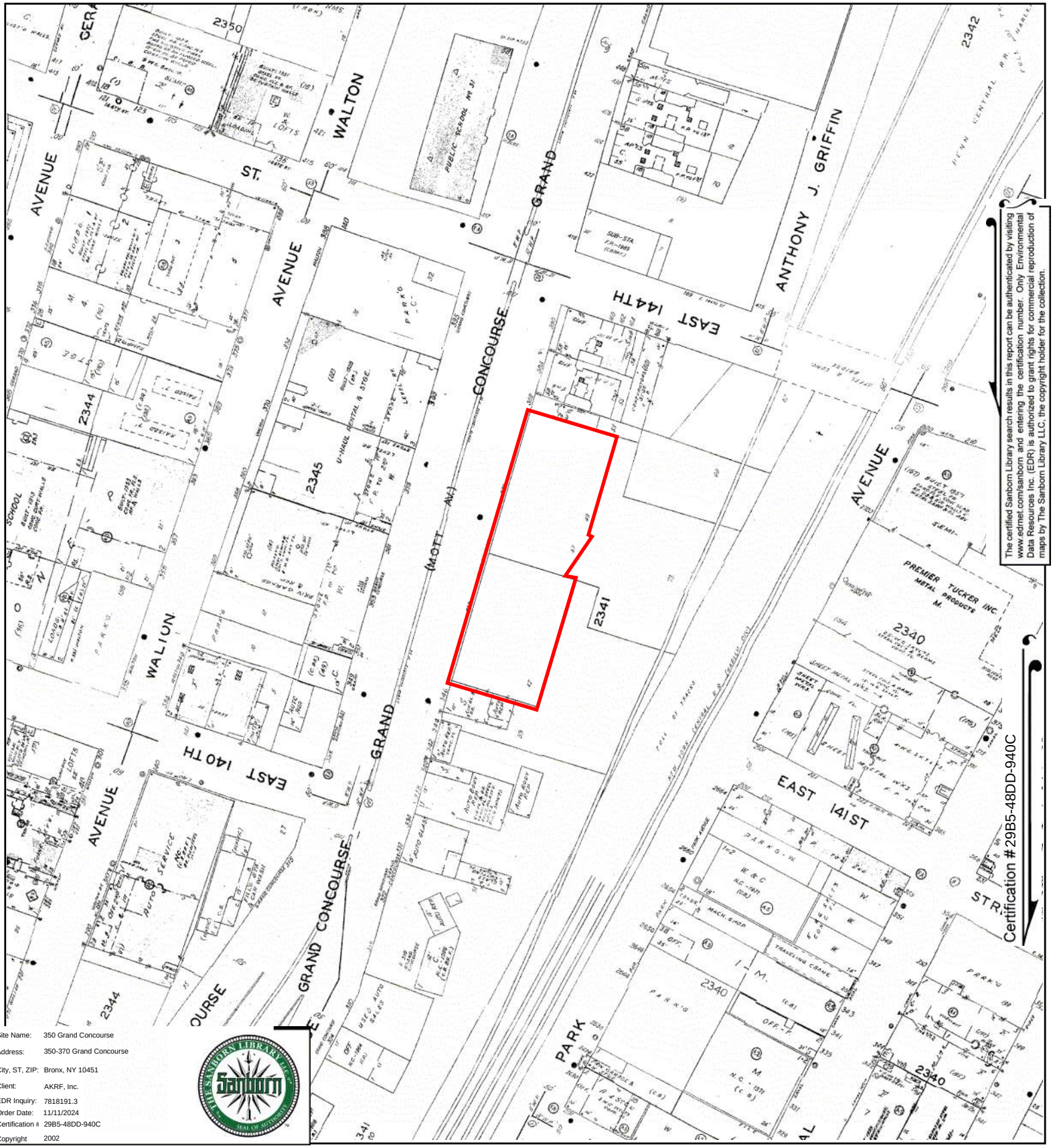
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 71
Volume 9N, Sheet 56
Volume 9N, Sheet 53
Volume 9N, Sheet 68
Volume 9N, Sheet 54

0 Feet 150 300 600

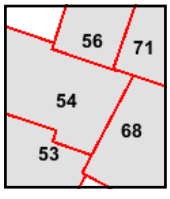
N



Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	2002

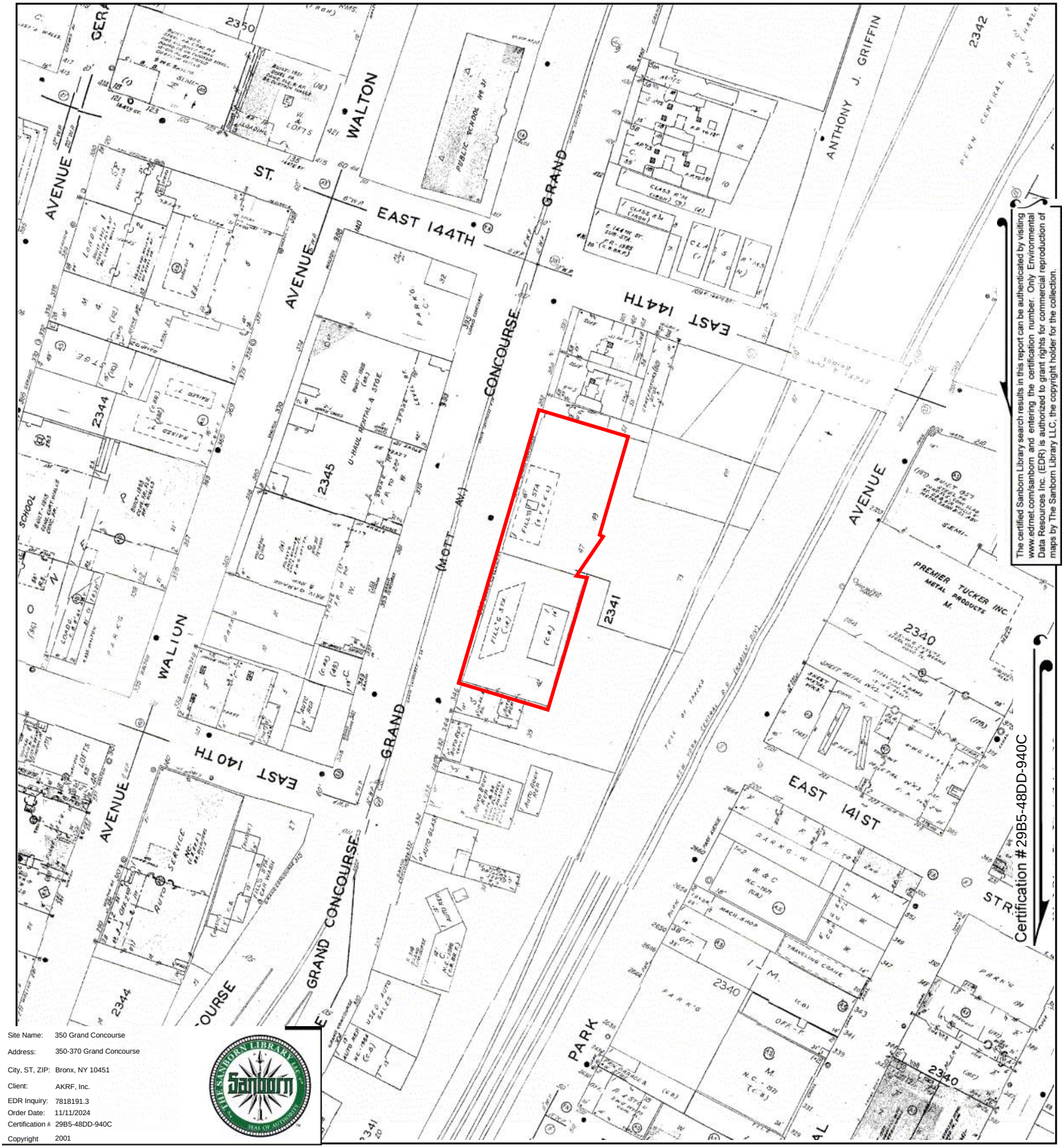
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 56
Volume 9N, Sheet 53
Volume 9N, Sheet 68
Volume 9N, Sheet 54
Volume 9N, Sheet 71

N

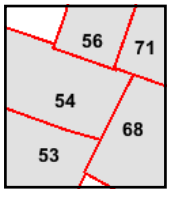


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	2001

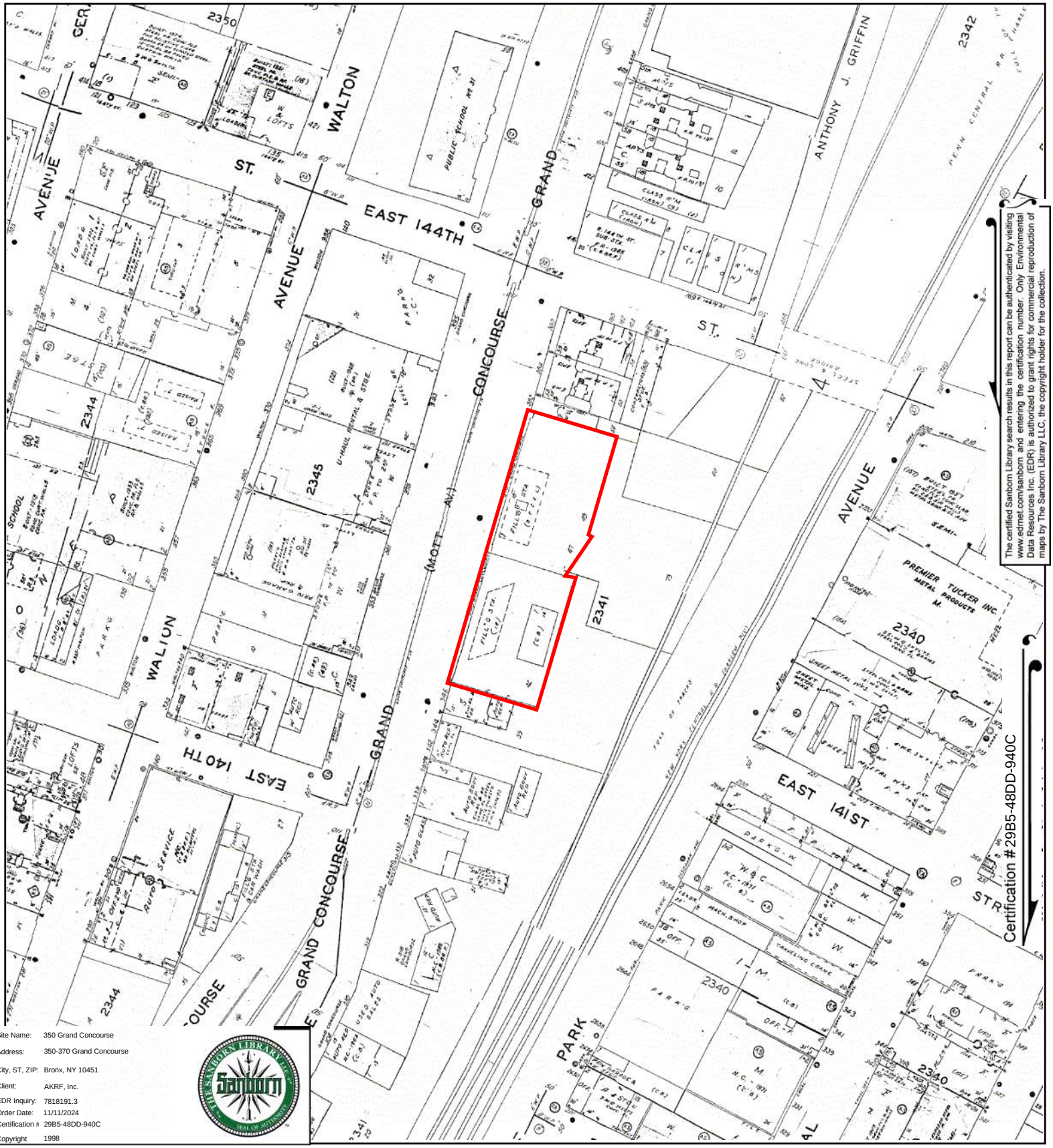
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 68
Volume 9N, Sheet 71
Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 56

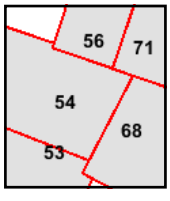
N



Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #	29B5-48DD-940C
Copyright	1998

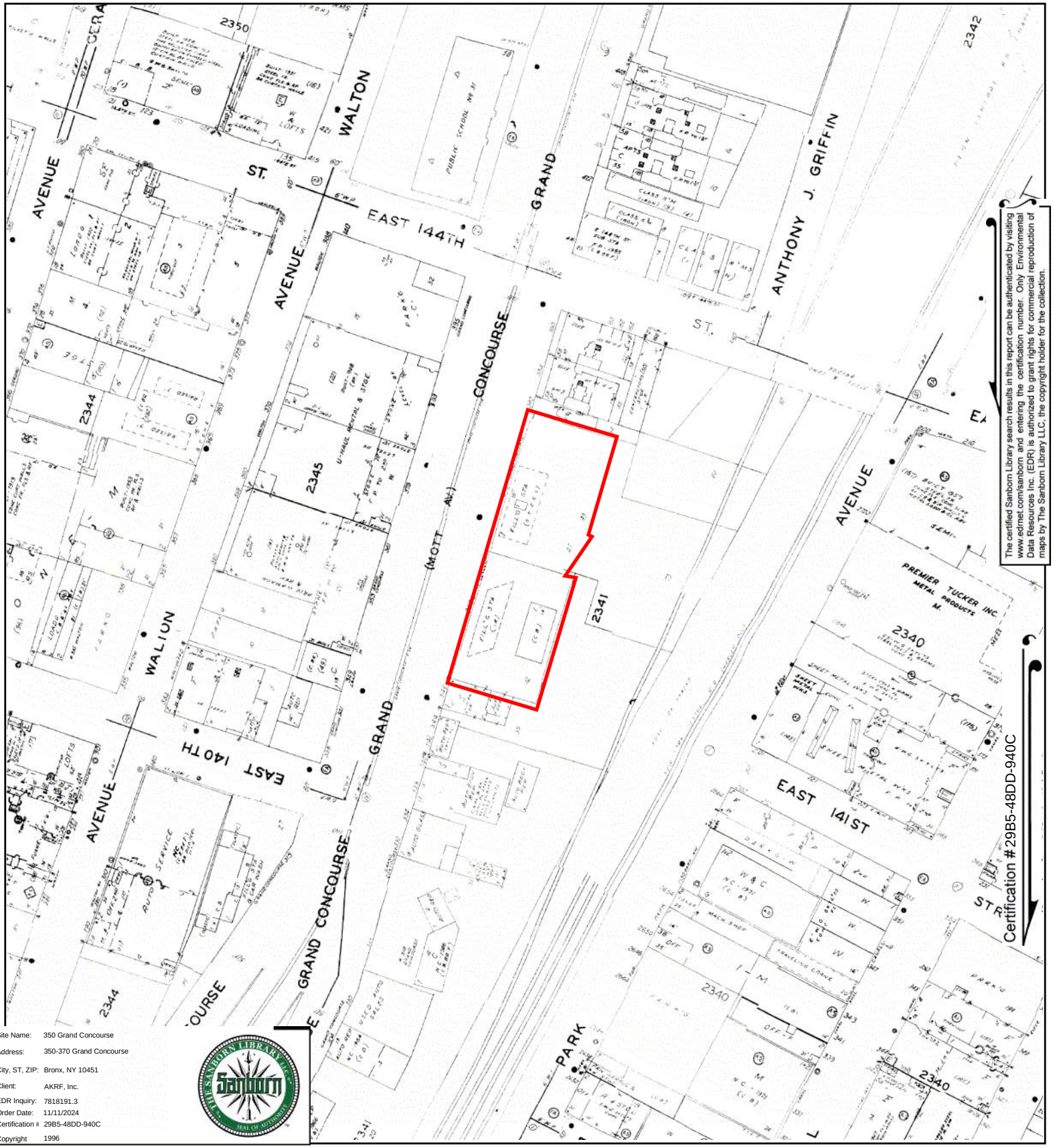
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



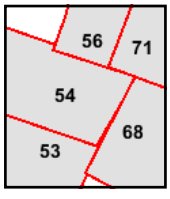
Volume 9N, Sheet 68
Volume 9N, Sheet 53
Volume 9N, Sheet 54
Volume 9N, Sheet 71
Volume 9N, Sheet 56

N



Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1996

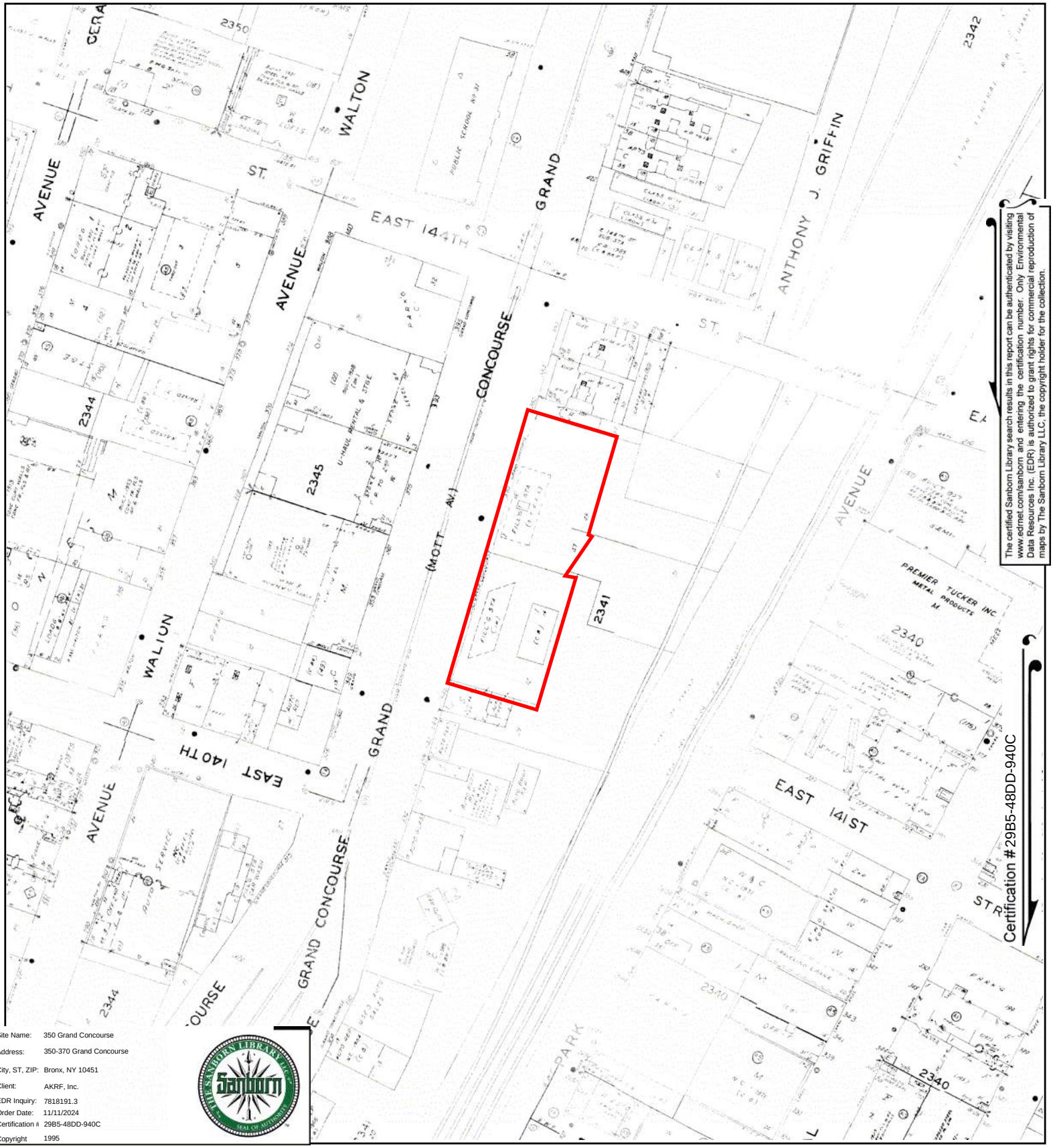
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 71
Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 68
Volume 9N, Sheet 56

0 Feet 150 300 600

N

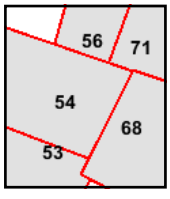


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #	29B5-48DD-940C
Copyright	1995

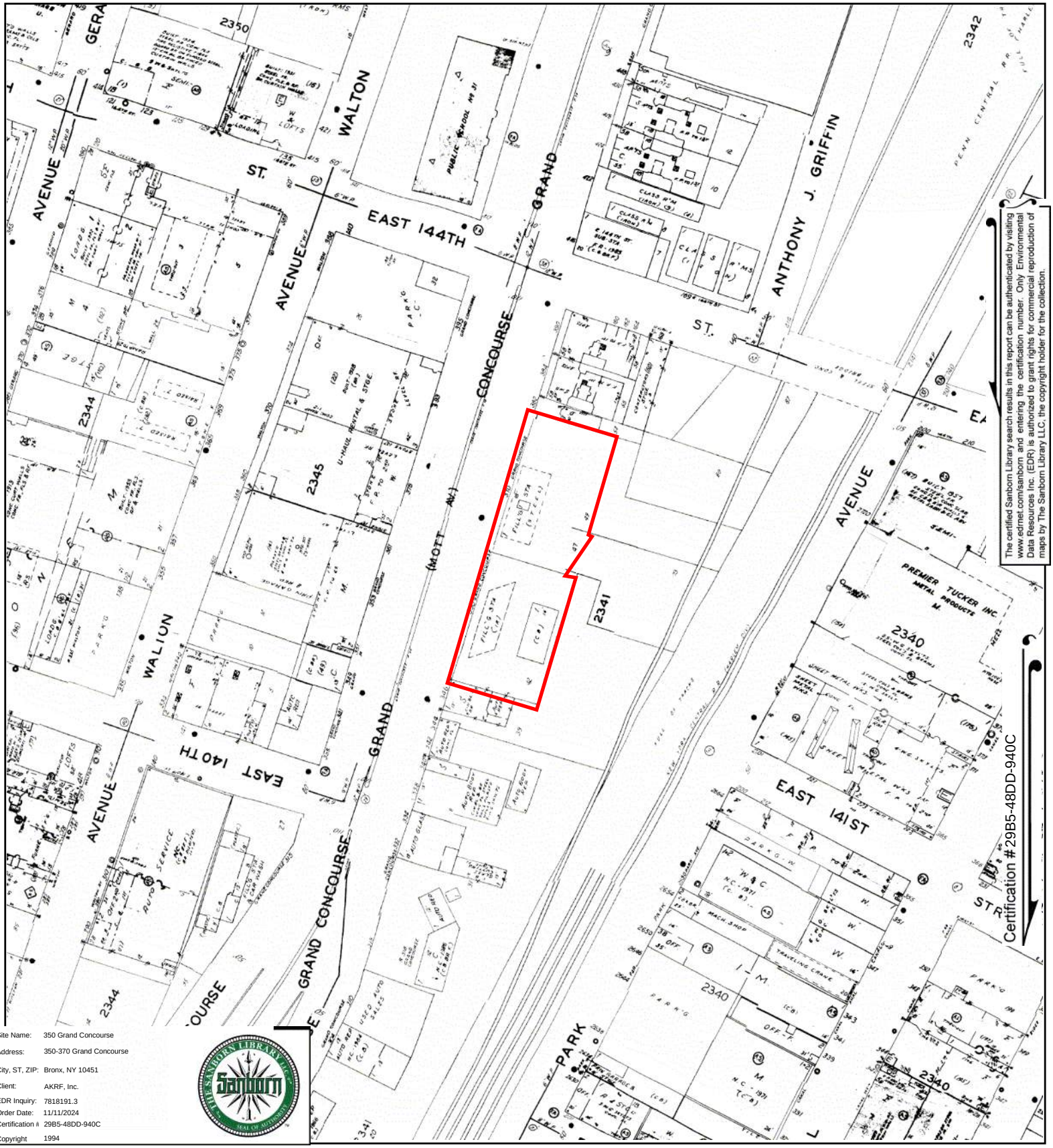
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 53
Volume 9N, Sheet 68
Volume 9N, Sheet 54
Volume 9N, Sheet 71
Volume 9N, Sheet 56

0 Feet 150 300 600

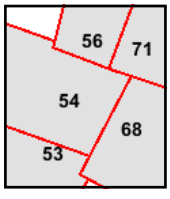
N



Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1994

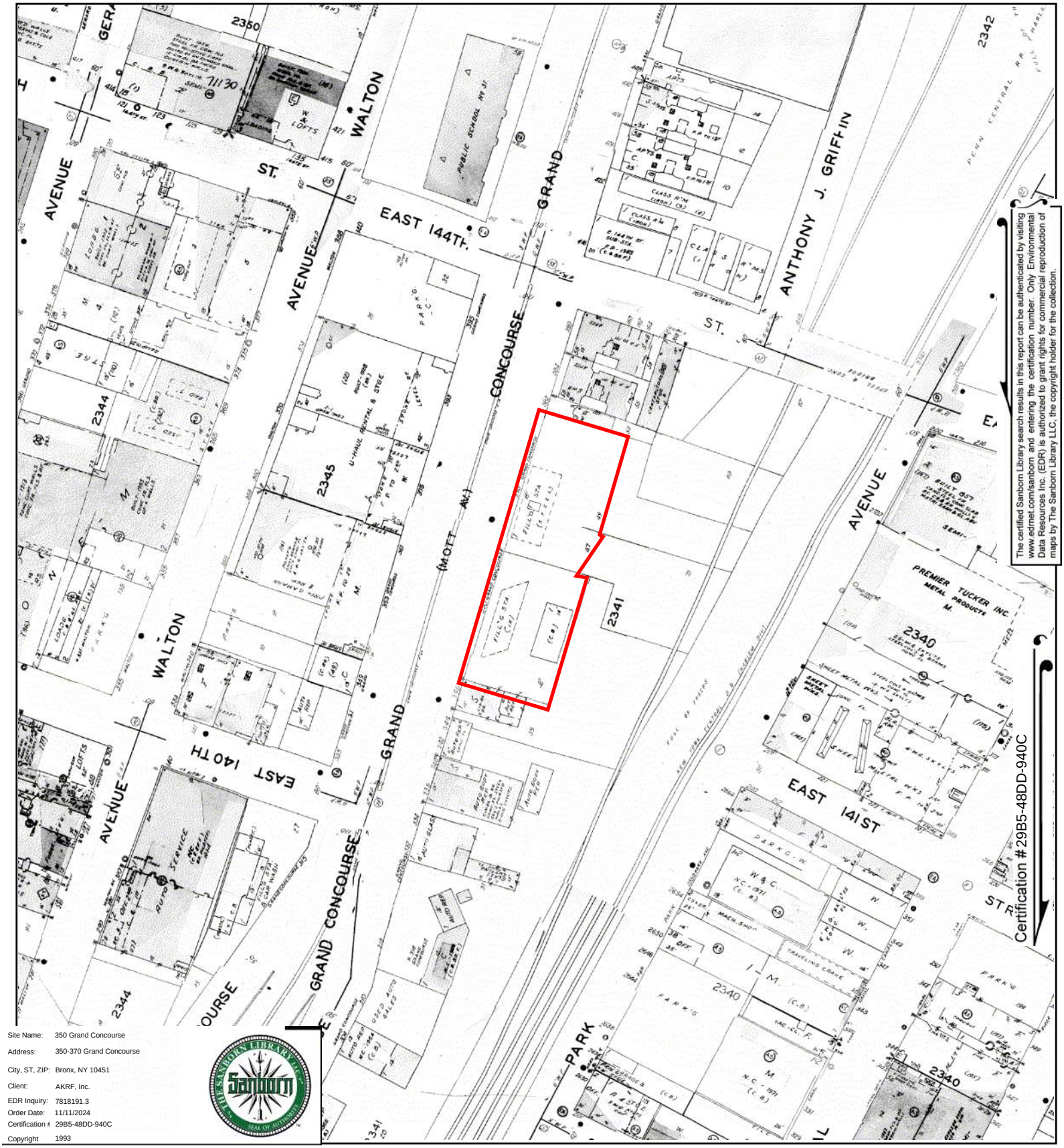
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 53
Volume 9N, Sheet 71
Volume 9N, Sheet 56
Volume 9N, Sheet 54
Volume 9N, Sheet 68

N

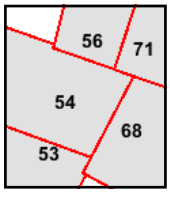


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1993

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



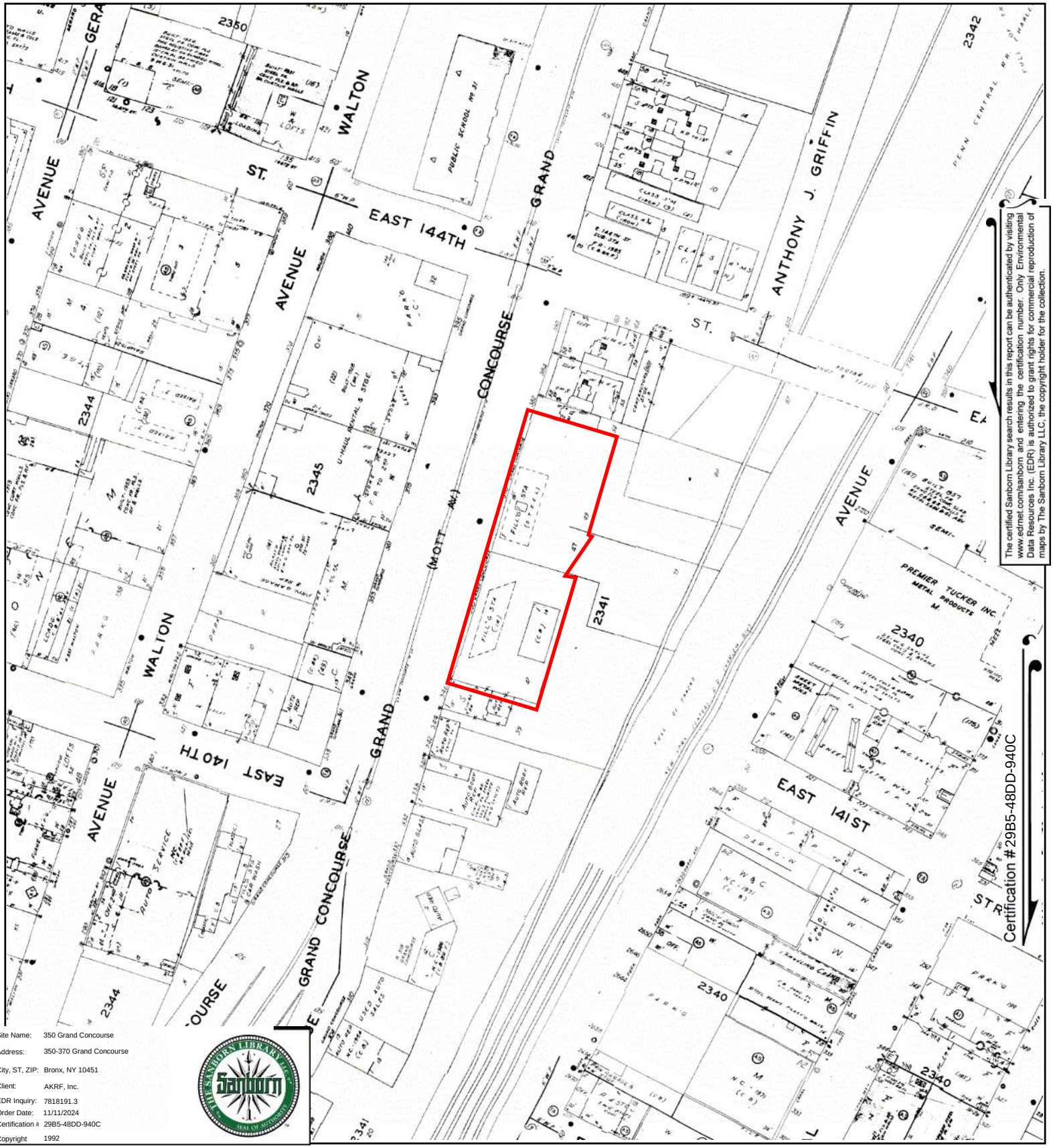
Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 71
Volume 9N, Sheet 56
Volume 9N, Sheet 68

0 Feet 150 300 600

N

Certified Sanborn® Map

1992

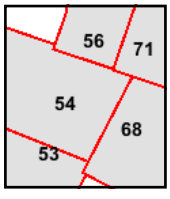


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1992

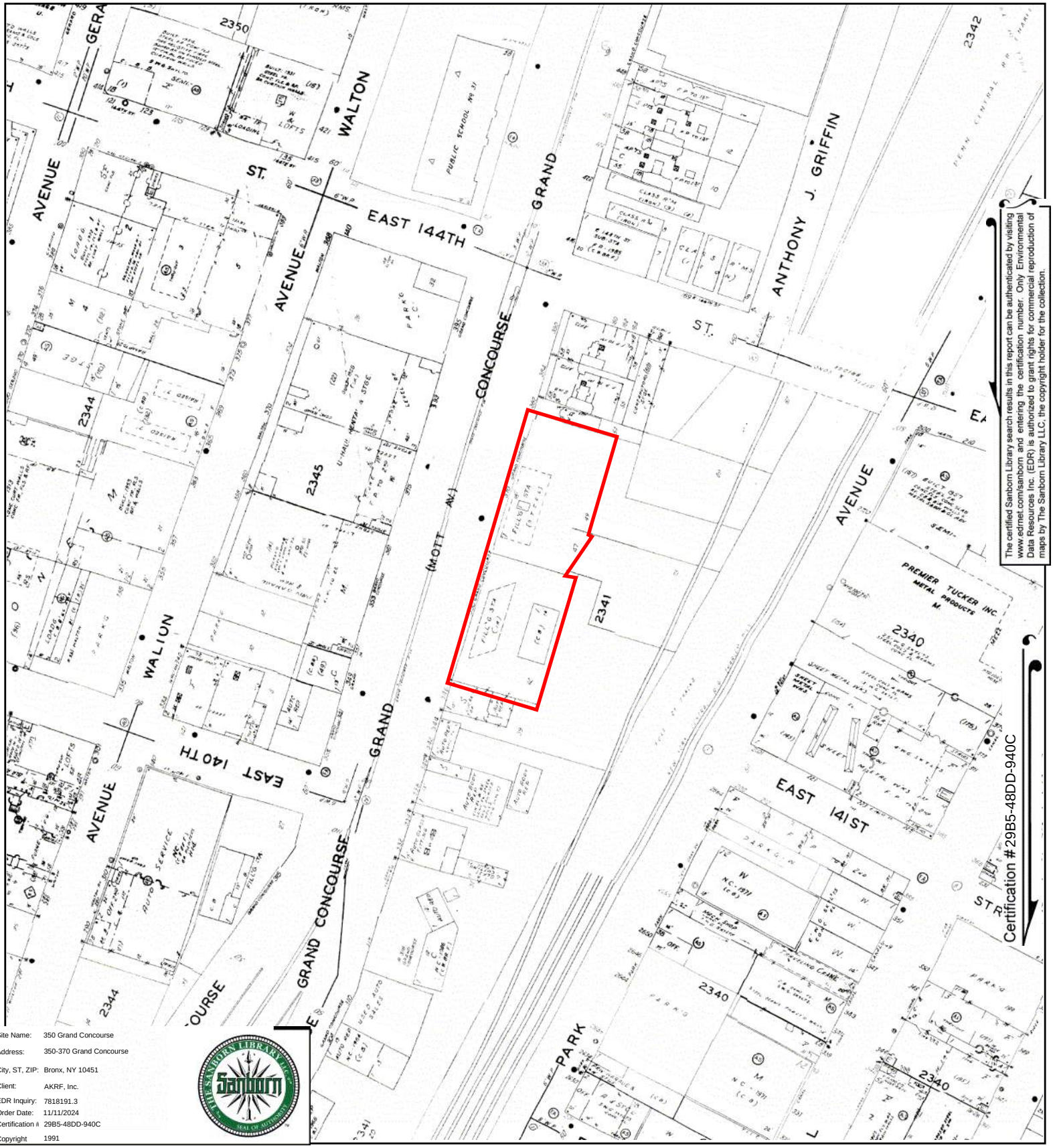
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 53
Volume 9N, Sheet 71
Volume 9N, Sheet 56
Volume 9N, Sheet 68
Volume 9N, Sheet 54

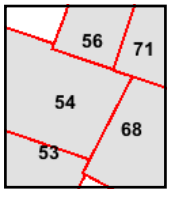
N



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1991

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



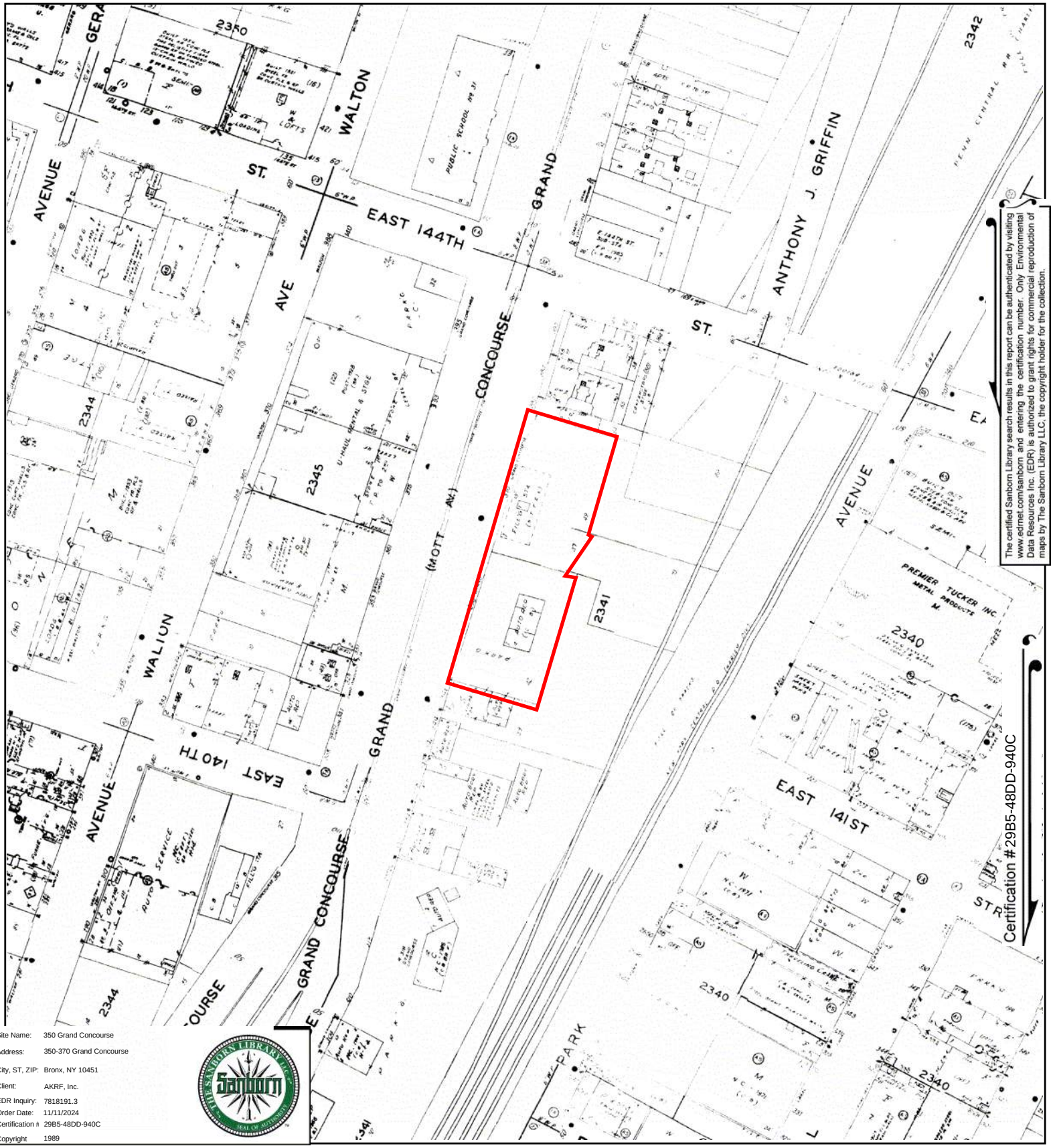
Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 68
Volume 9N, Sheet 56
Volume 9N, Sheet 71

0 Feet 150 300 600

N

Certified Sanborn® Map

1989

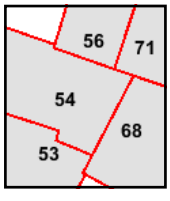


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1989

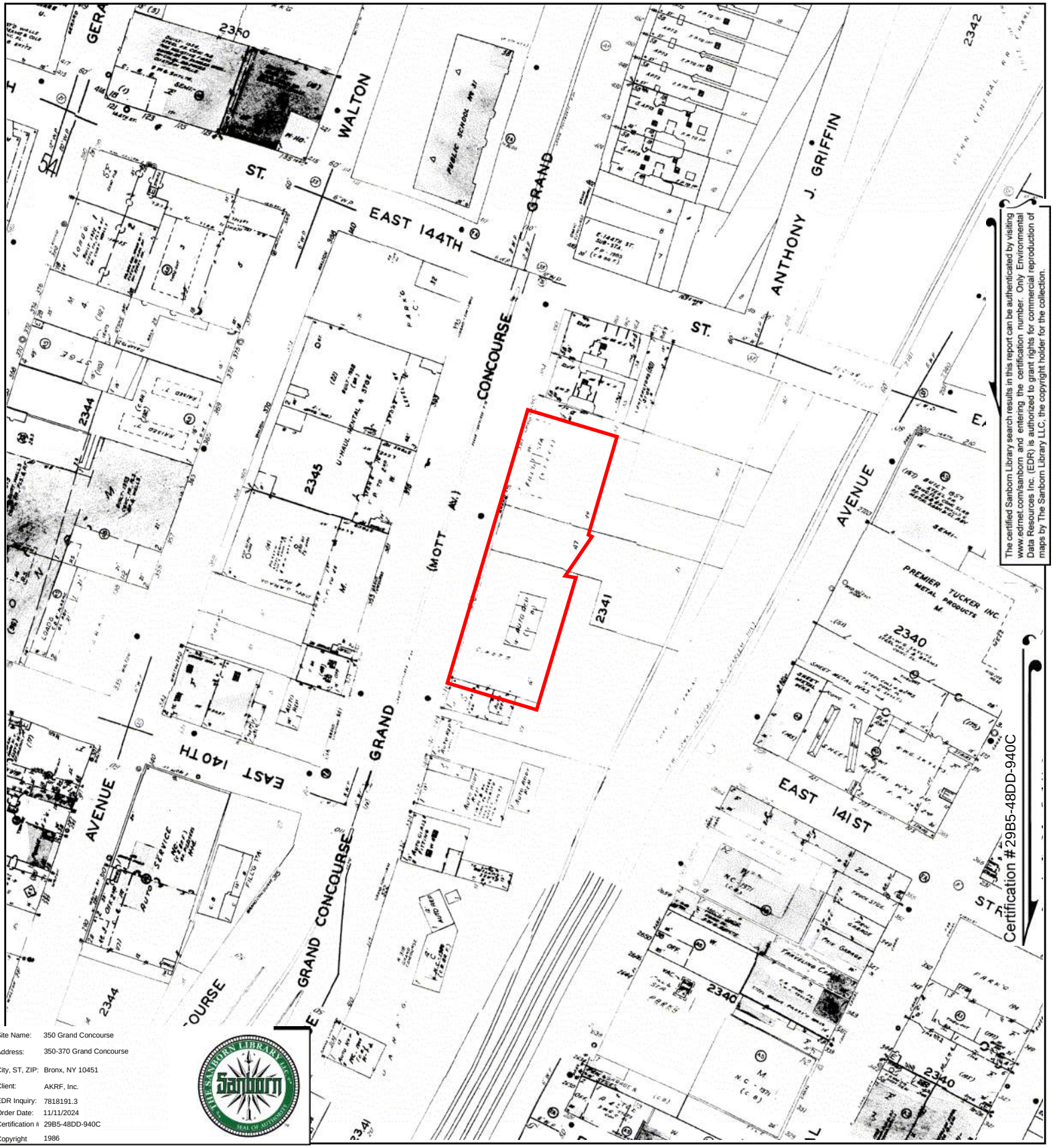
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 71
Volume 9N, Sheet 68
Volume 9N, Sheet 53
Volume 9N, Sheet 56
Volume 9N, Sheet 54

N

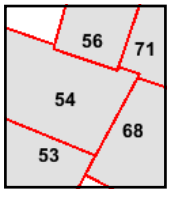


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1986

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

0 Feet 150 300 600

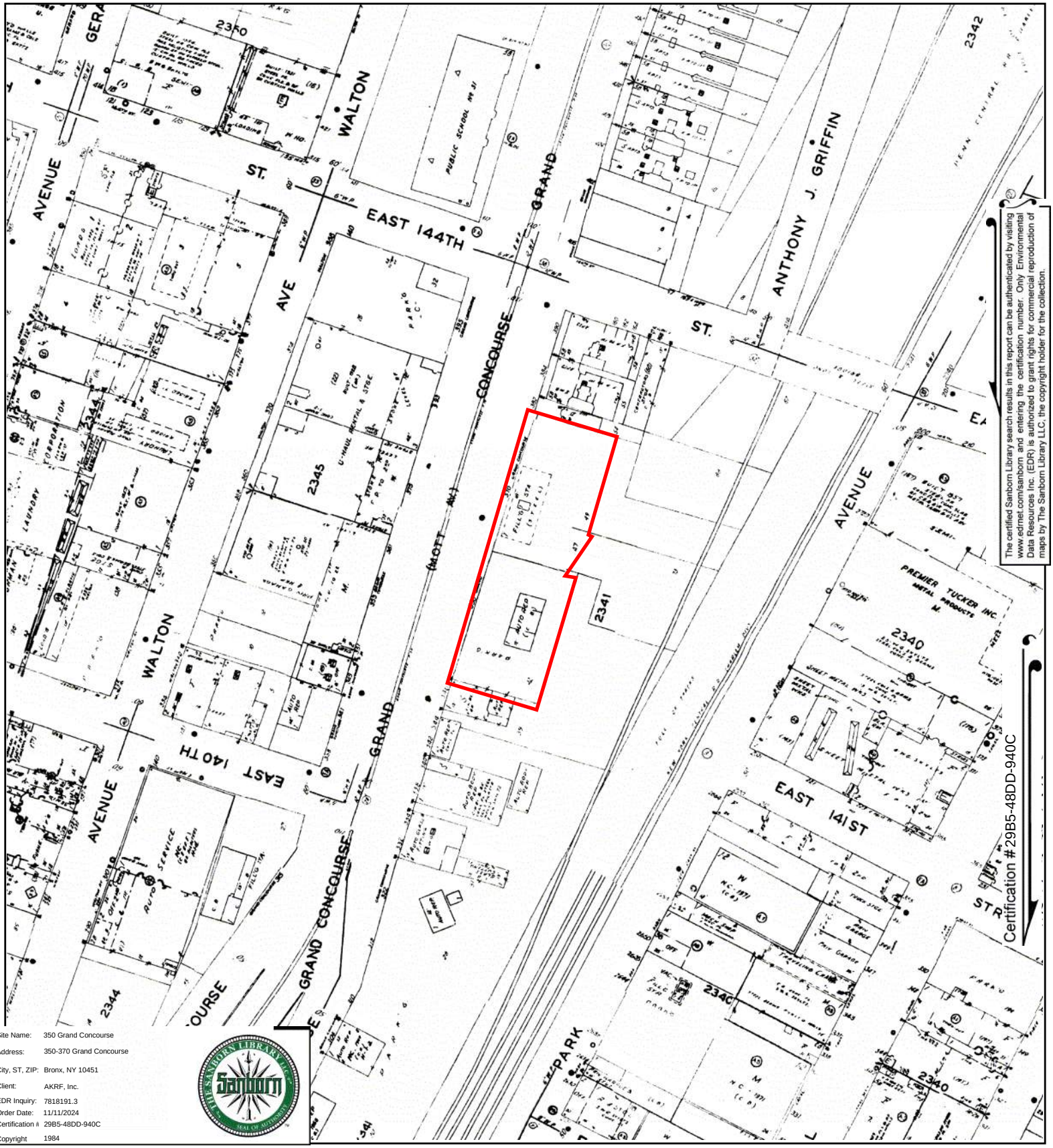


Volume 9N, Sheet 53
Volume 9N, Sheet 56
Volume 9N, Sheet 54
Volume 9N, Sheet 68
Volume 9N, Sheet 71

N

Certified Sanborn® Map

1984



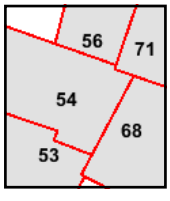
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1984

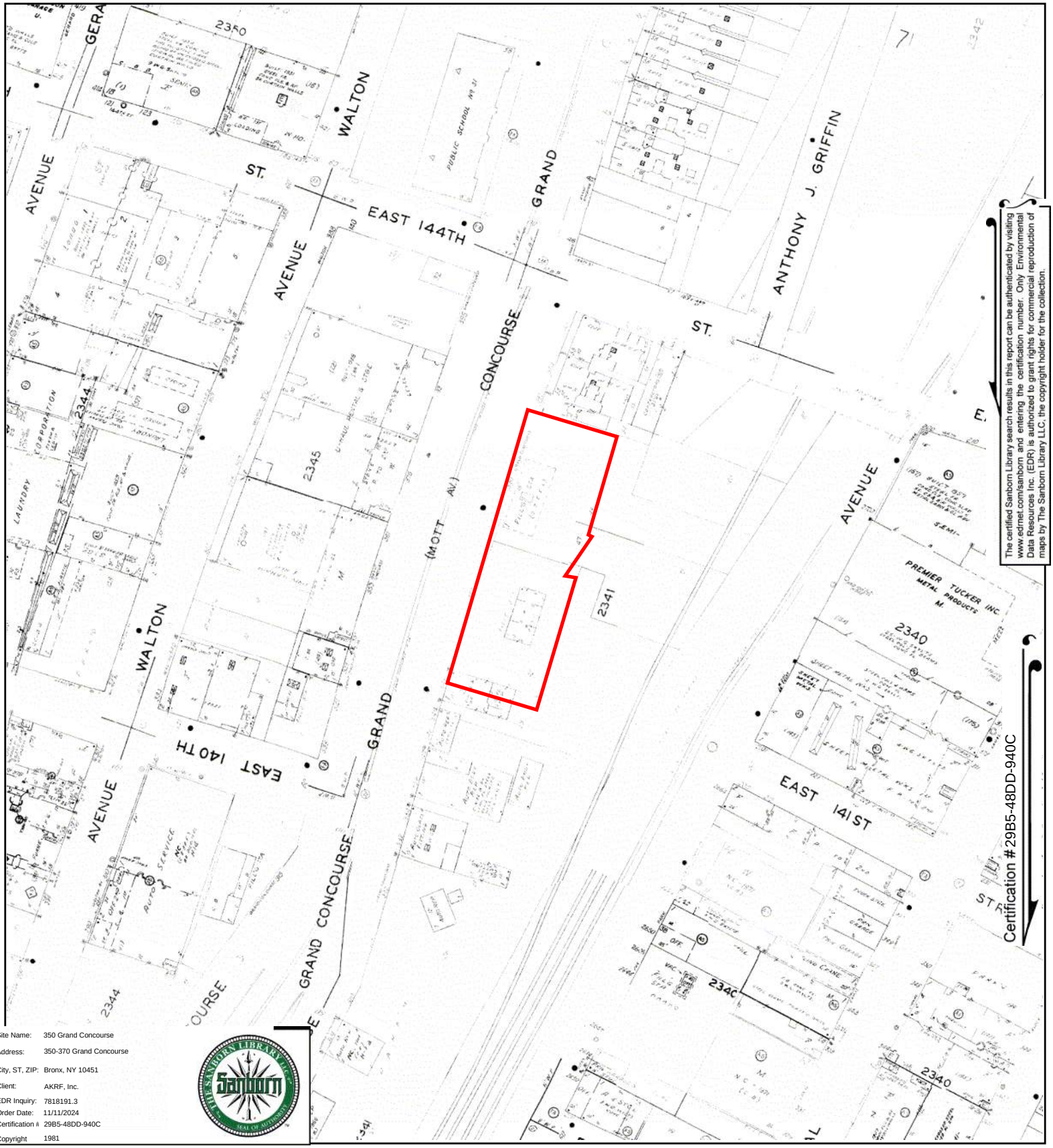
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 71
Volume 9N, Sheet 68
Volume 9N, Sheet 54
Volume 9N, Sheet 56
Volume 9N, Sheet 53

N

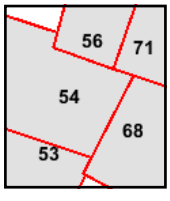


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1981

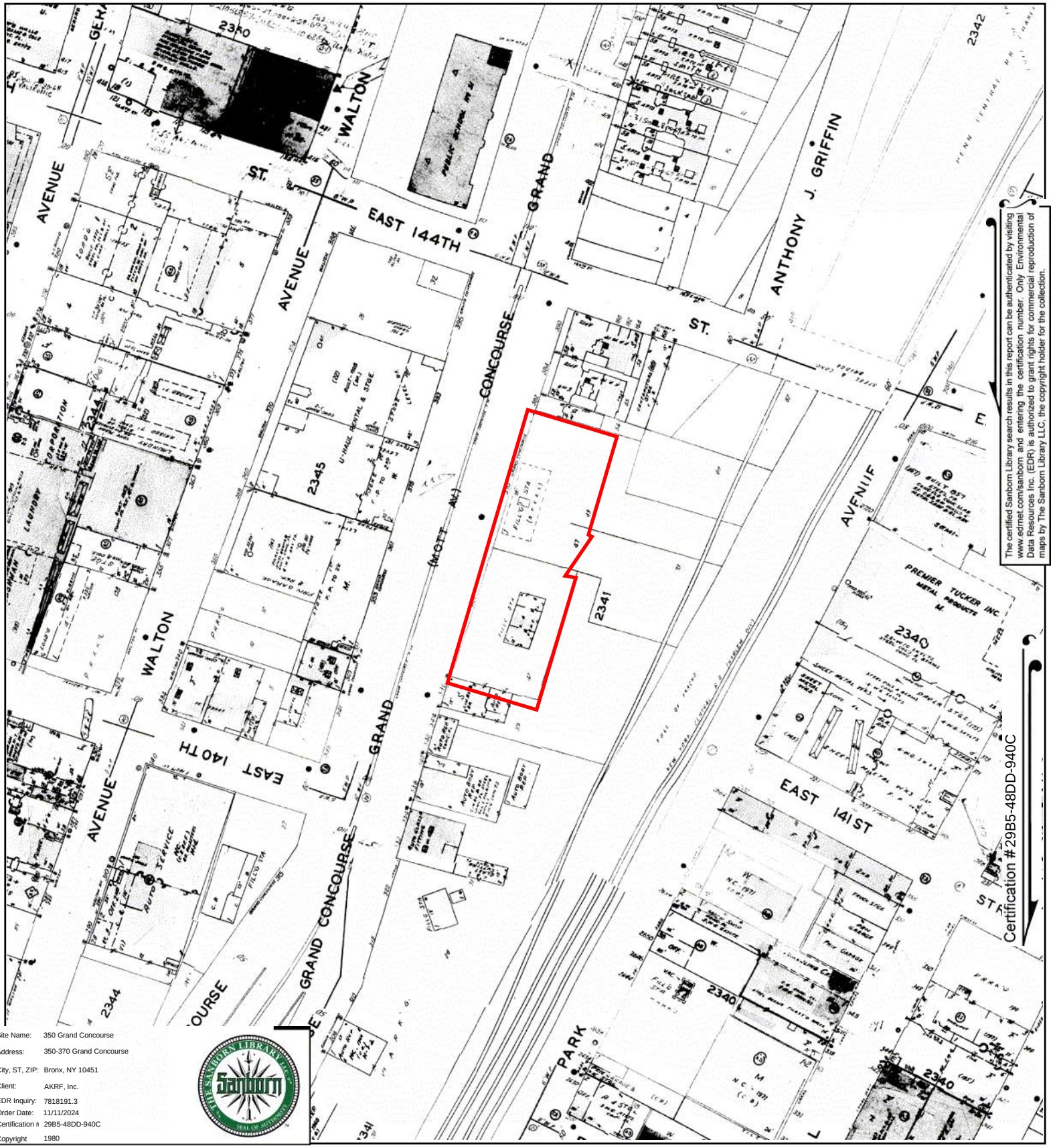
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 54
Volume 9N, Sheet 56
Volume 9N, Sheet 53
Volume 9N, Sheet 68
Volume 9N, Sheet 71
Volume 9N, Sheet 71

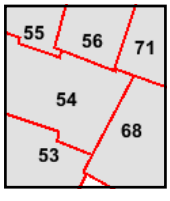
0 Feet 150 300 600

N



Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #	29B5-48DD-940C
Copyright	1980

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



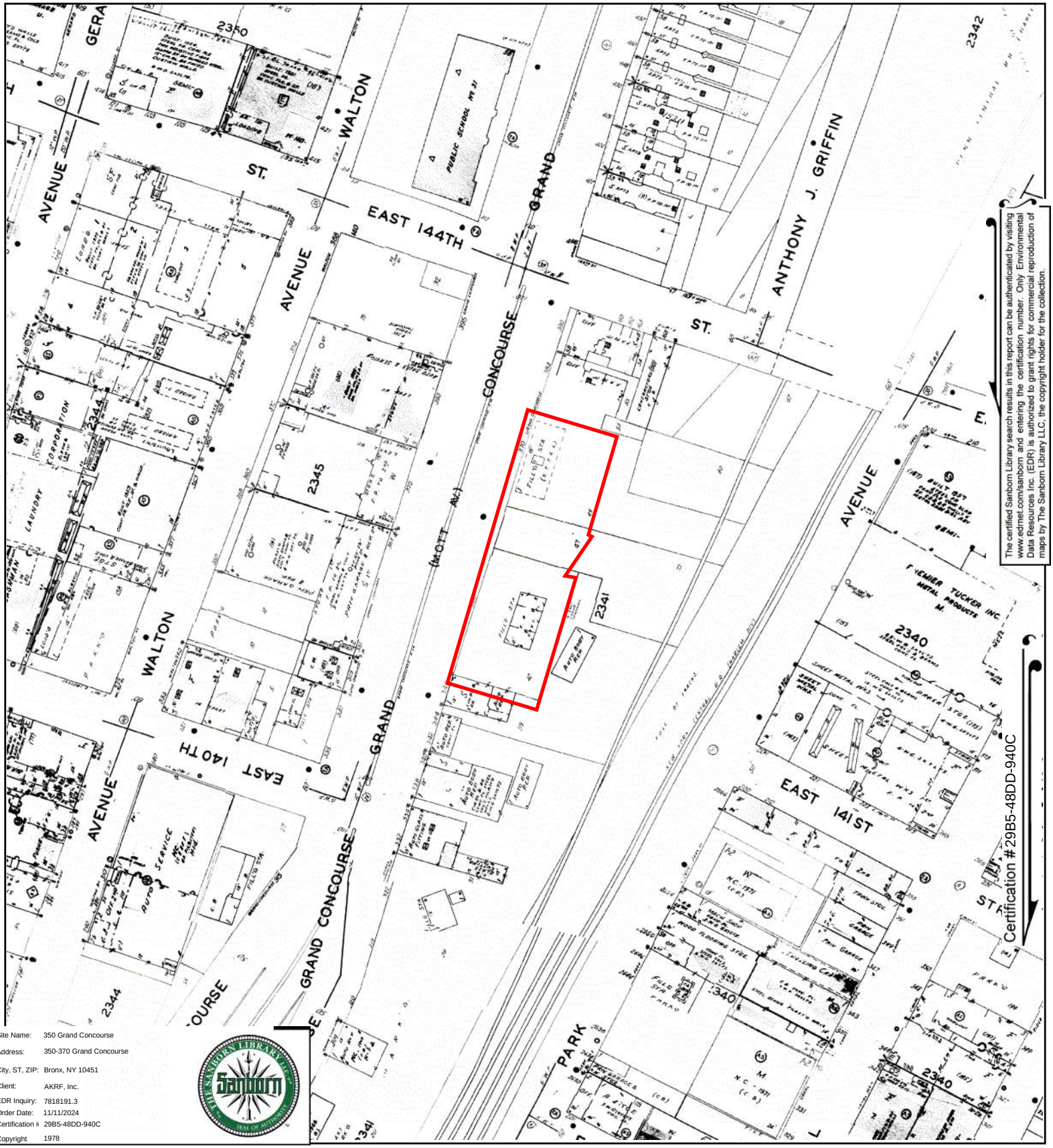
Volume 9N, Sheet 71
Volume 9N, Sheet 55
Volume 9N, Sheet 68
Volume 9N, Sheet 56
Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

N

Certified Sanborn® Map

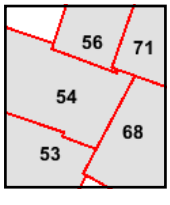
1978



Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1978

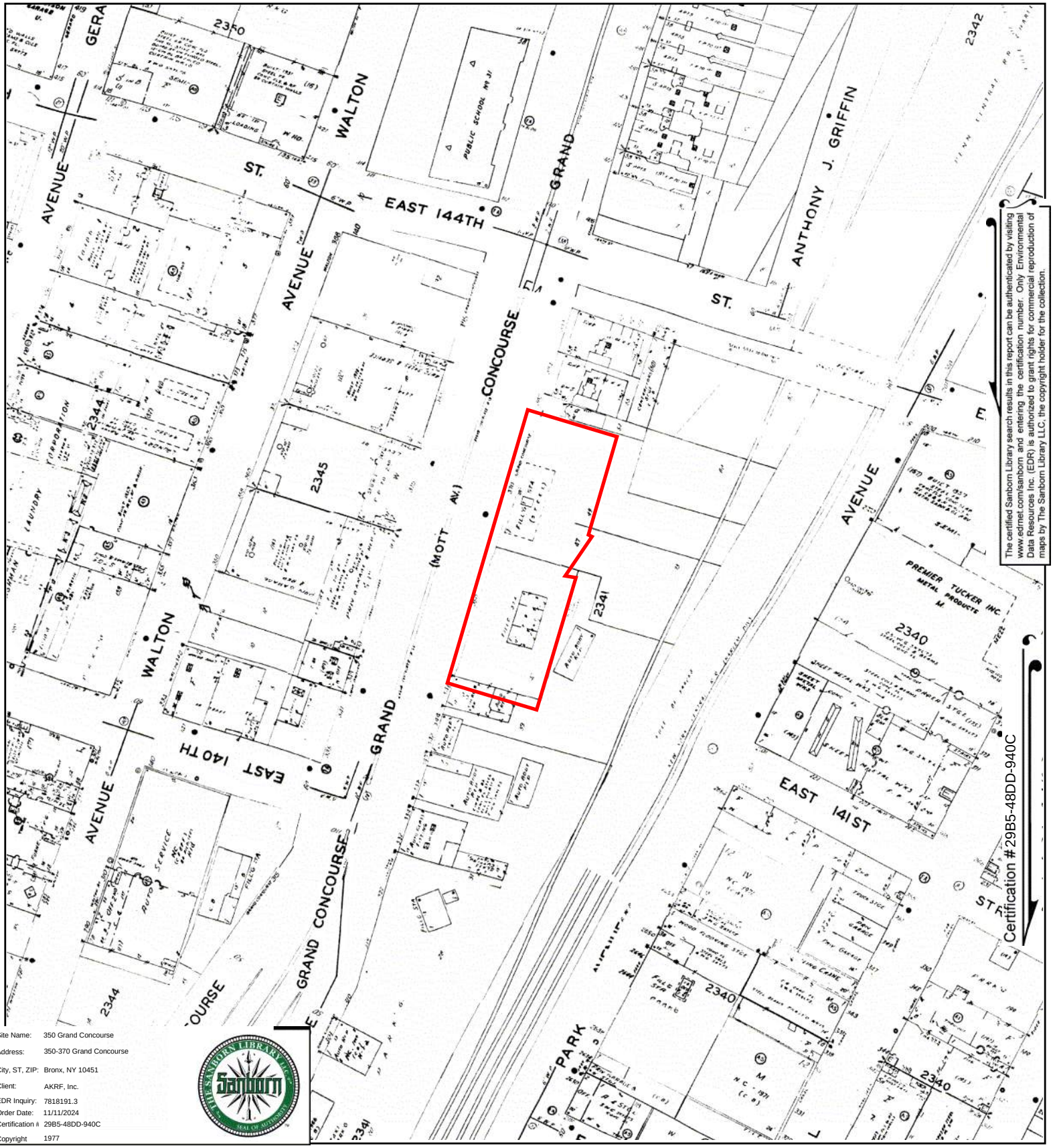
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 56
Volume 9N, Sheet 68
Volume 9N, Sheet 71

N

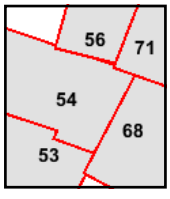


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1977

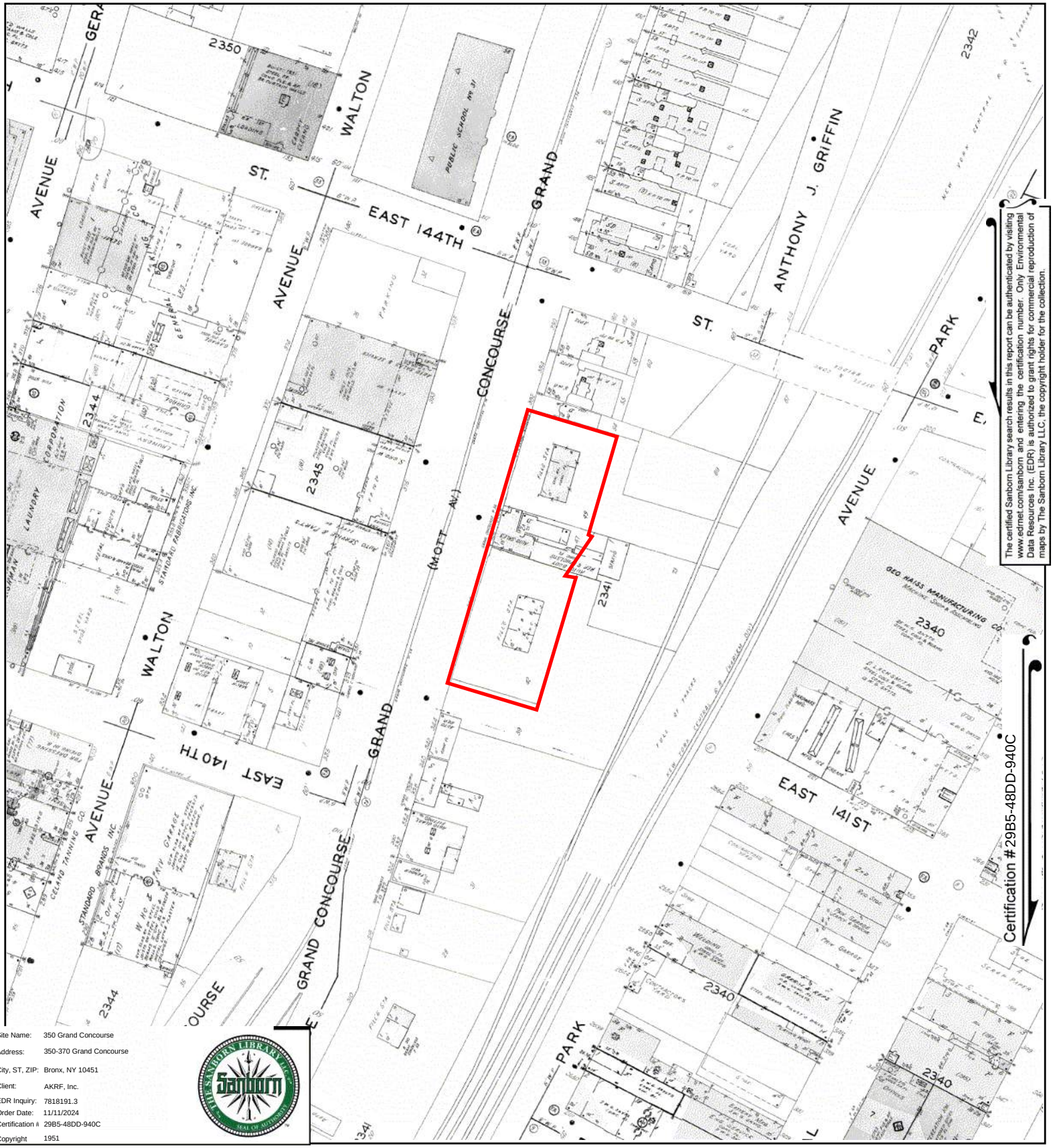
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



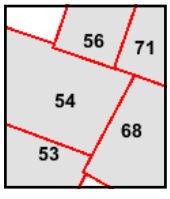
Volume 9N, Sheet 56
Volume 9N, Sheet 71
Volume 9N, Sheet 68
Volume 9N, Sheet 53
Volume 9N, Sheet 54

N



Site Name: 350 Grand Concourse
Address: 350-370 Grand Concourse
City, ST, ZIP: Bronx, NY 10451
Client: AKRF, Inc.
EDR Inquiry: 7818191.3
Order Date: 11/11/2024
Certification #: 29B5-48DD-940C
Copyright: 1951

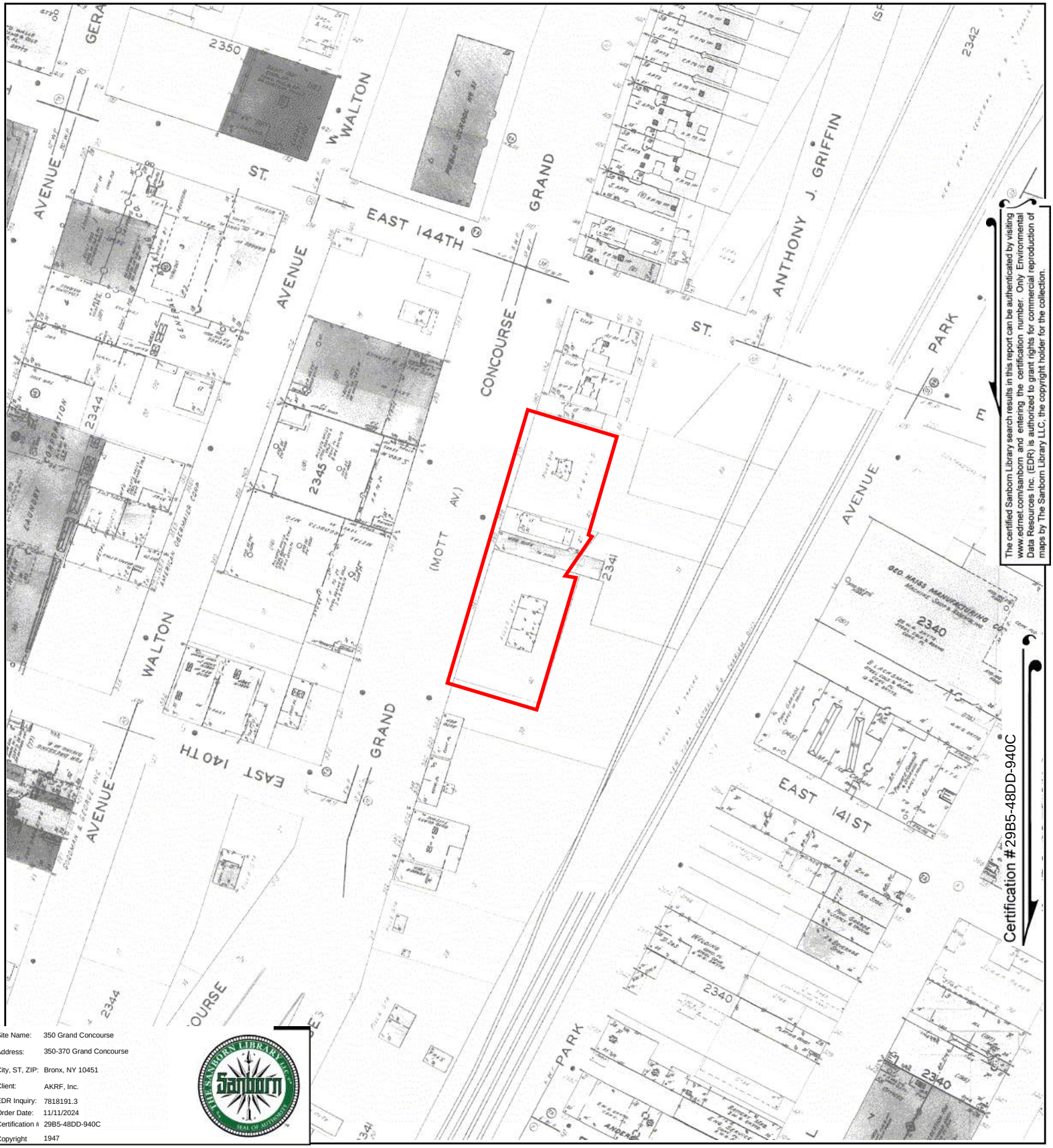
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 56
Volume 9N, Sheet 68
Volume 9N, Sheet 71

0 Feet 150 300 600

N

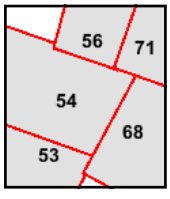


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1947

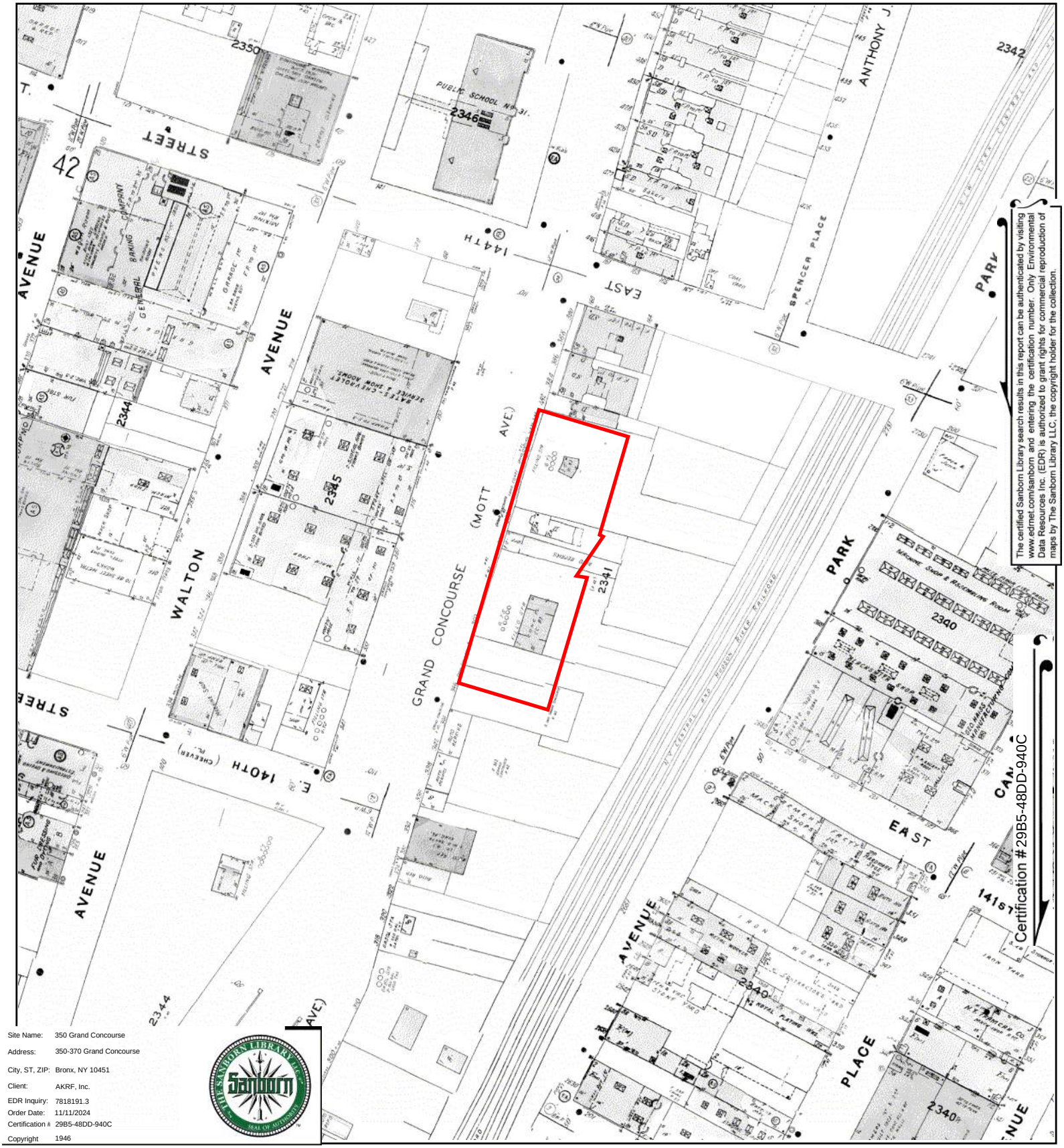
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 71
Volume 9N, Sheet 56
Volume 9N, Sheet 53
Volume 9N, Sheet 68
Volume 9N, Sheet 54

0 Feet 150 300 600

N

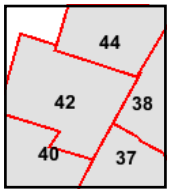


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1946

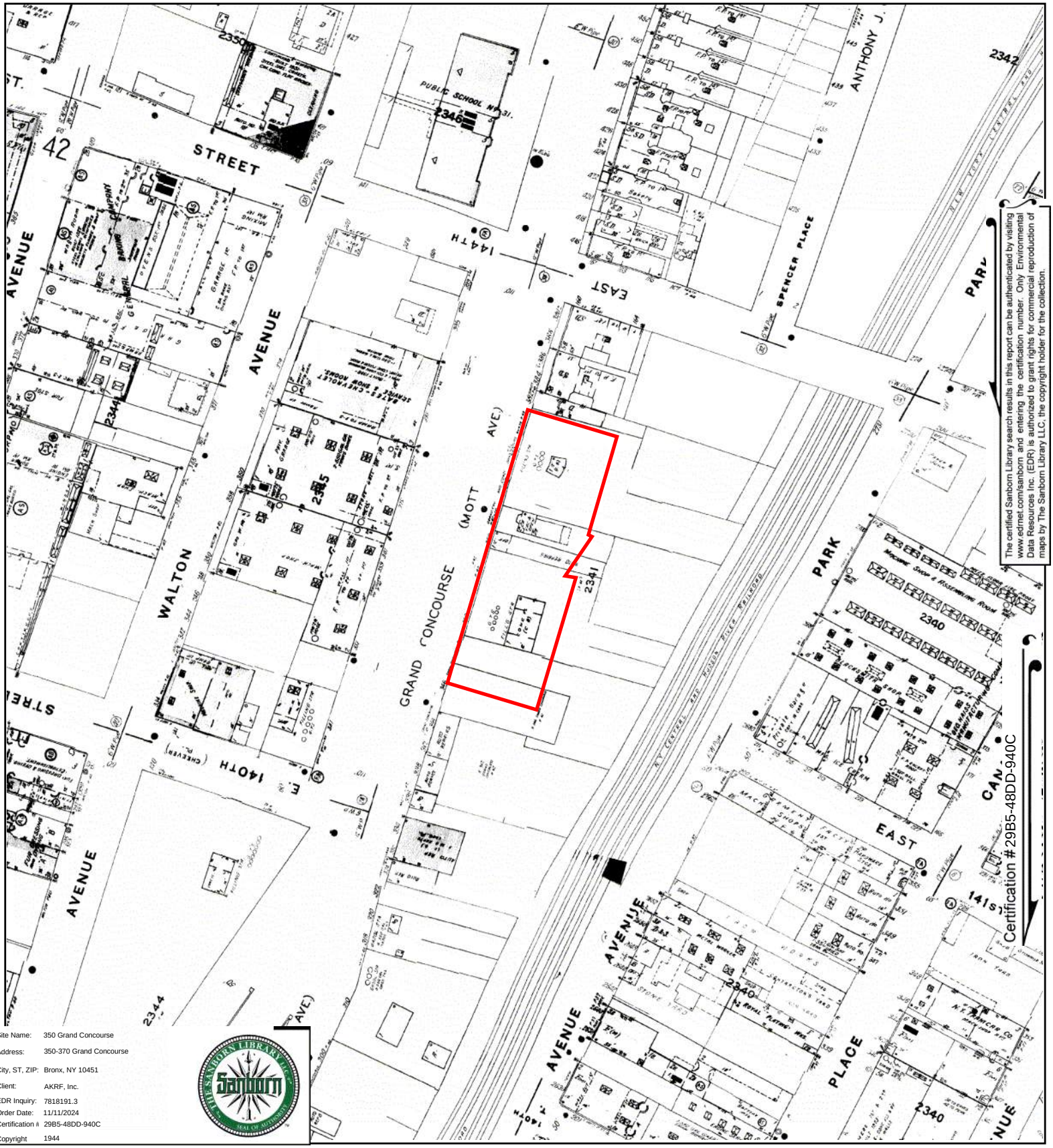
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9, Sheet 37
Volume 9, Sheet 42
Volume 9, Sheet 44
Volume 9, Sheet 38
Volume 9, Sheet 40

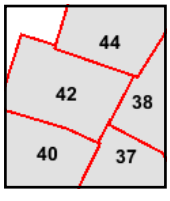
N



Site Name: 350 Grand Concourse
Address: 350-370 Grand Concourse
City, ST, ZIP: Bronx, NY 10451
Client: AKRF, Inc.
EDR Inquiry: 7818191.3
Order Date: 11/11/2024
Certification #: 29B5-48DD-940C
Copyright: 1944

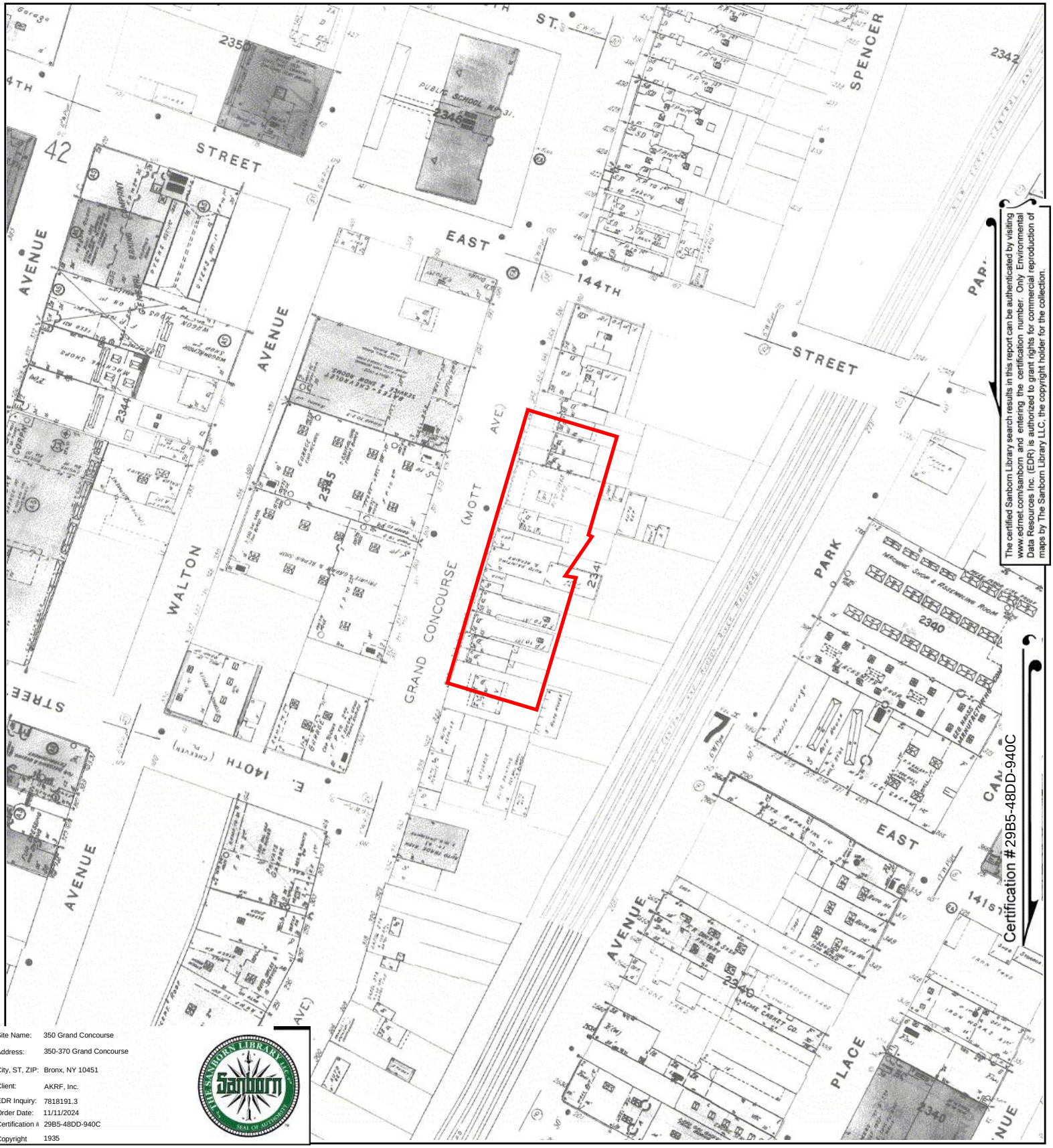
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9, Sheet 44
Volume 9, Sheet 38
Volume 9, Sheet 37
Volume 9, Sheet 40
Volume 9, Sheet 42

N

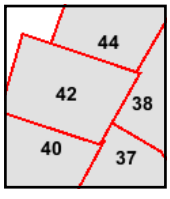


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1935

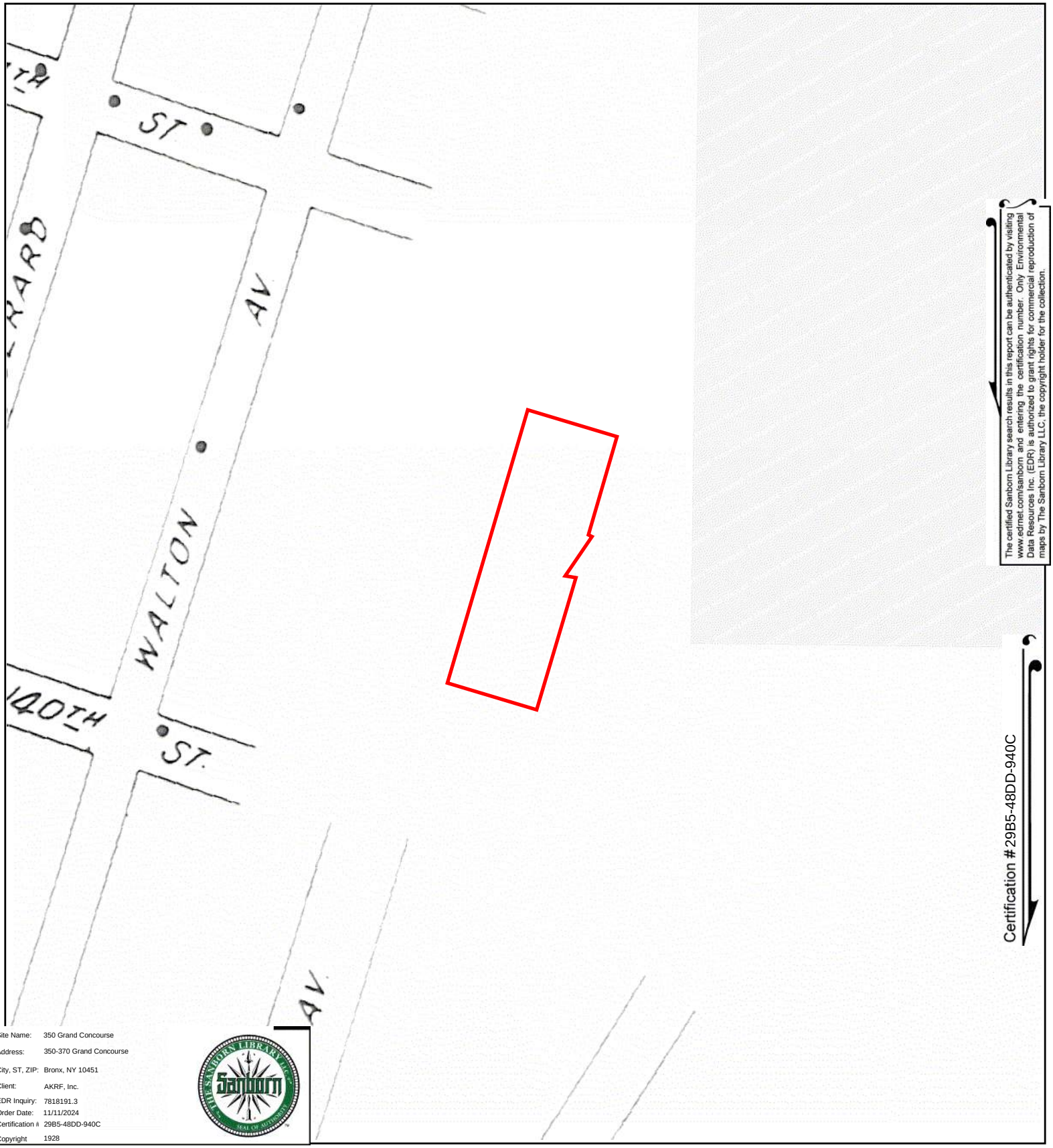
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9, Sheet 40
Volume 9, Sheet 38
Volume 9, Sheet 42
Volume 9, Sheet 44
Volume 9, Sheet 37

N



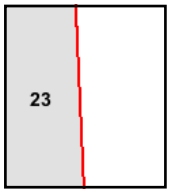
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name: 350 Grand Concourse
Address: 350-370 Grand Concourse
City, ST, ZIP: Bronx, NY 10451
Client: AKRF, Inc.
EDR Inquiry: 7818191.3
Order Date: 11/11/2024
Certification #: 29B5-48DD-940C
Copyright: 1928

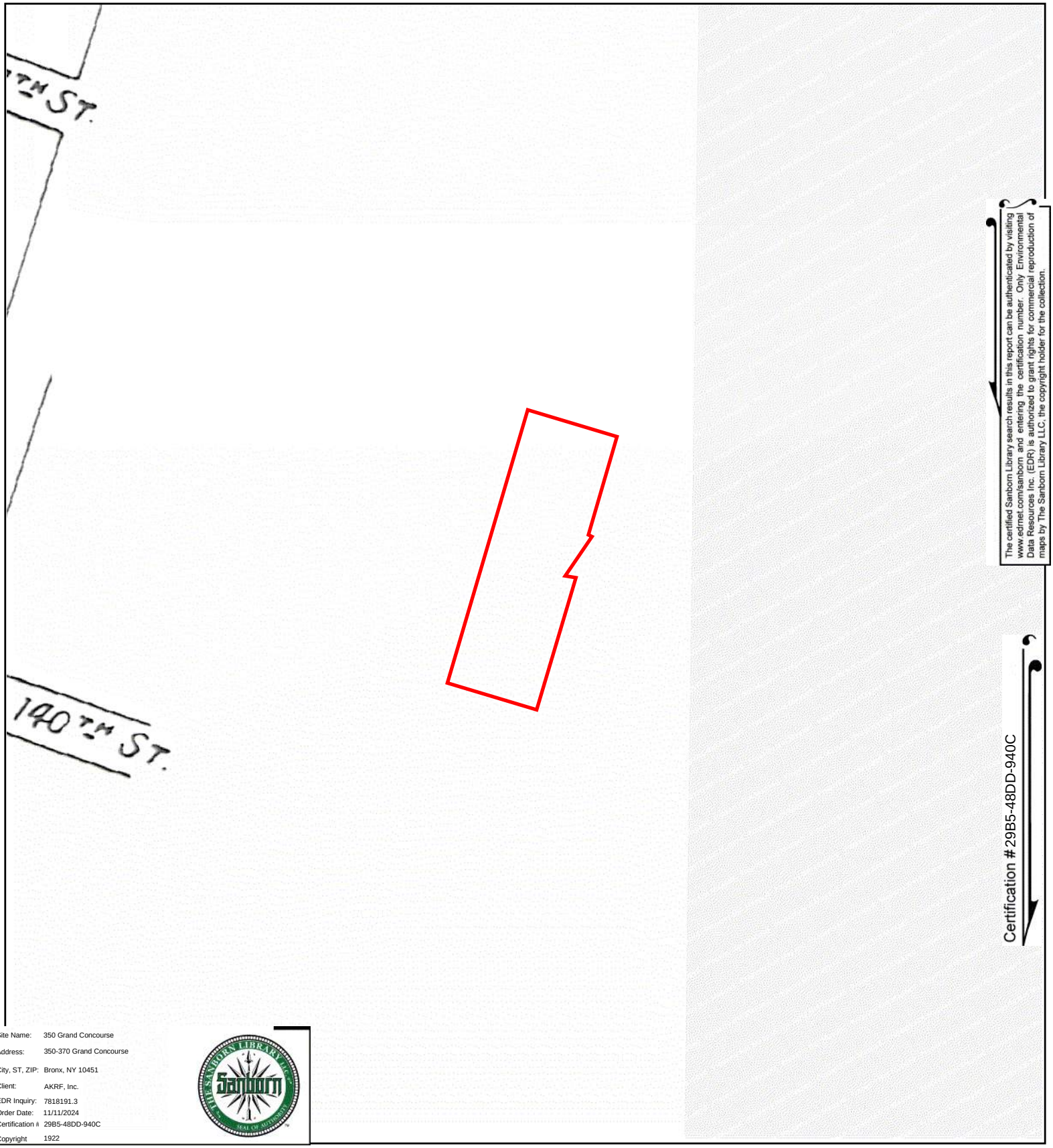
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume Pier Maps, Sheet 23

N

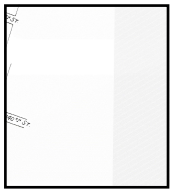


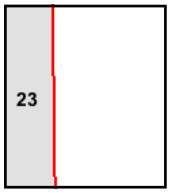
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name: 350 Grand Concourse
Address: 350-370 Grand Concourse
City, ST, ZIP: Bronx, NY 10451
Client: AKRF, Inc.
EDR Inquiry: 7818191.3
Order Date: 11/11/2024
Certification #: 29B5-48DD-940C
Copyright: 1922

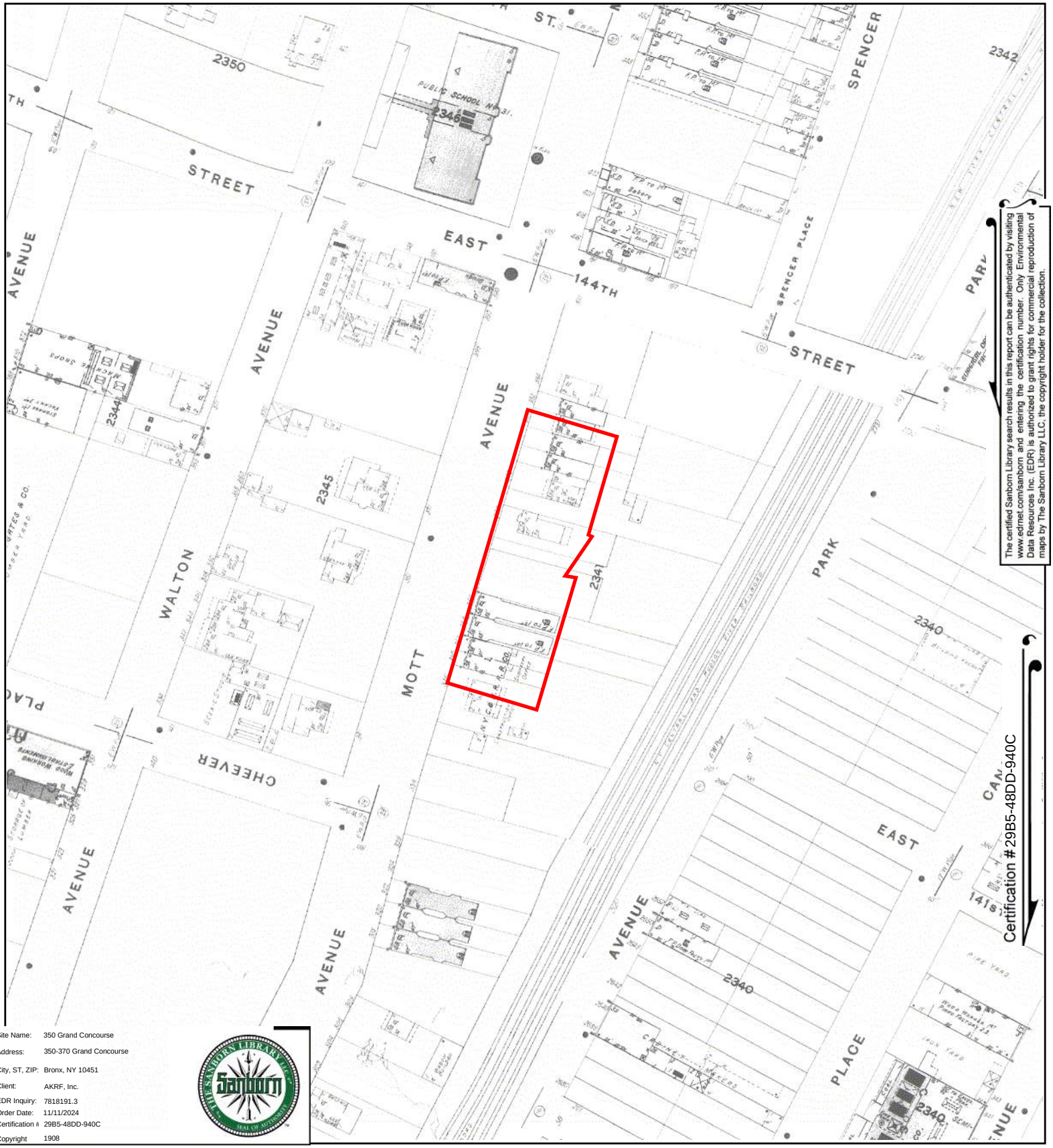
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume Pier Maps, Sheet 23

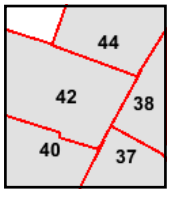
0 Feet 150 300 600



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1908

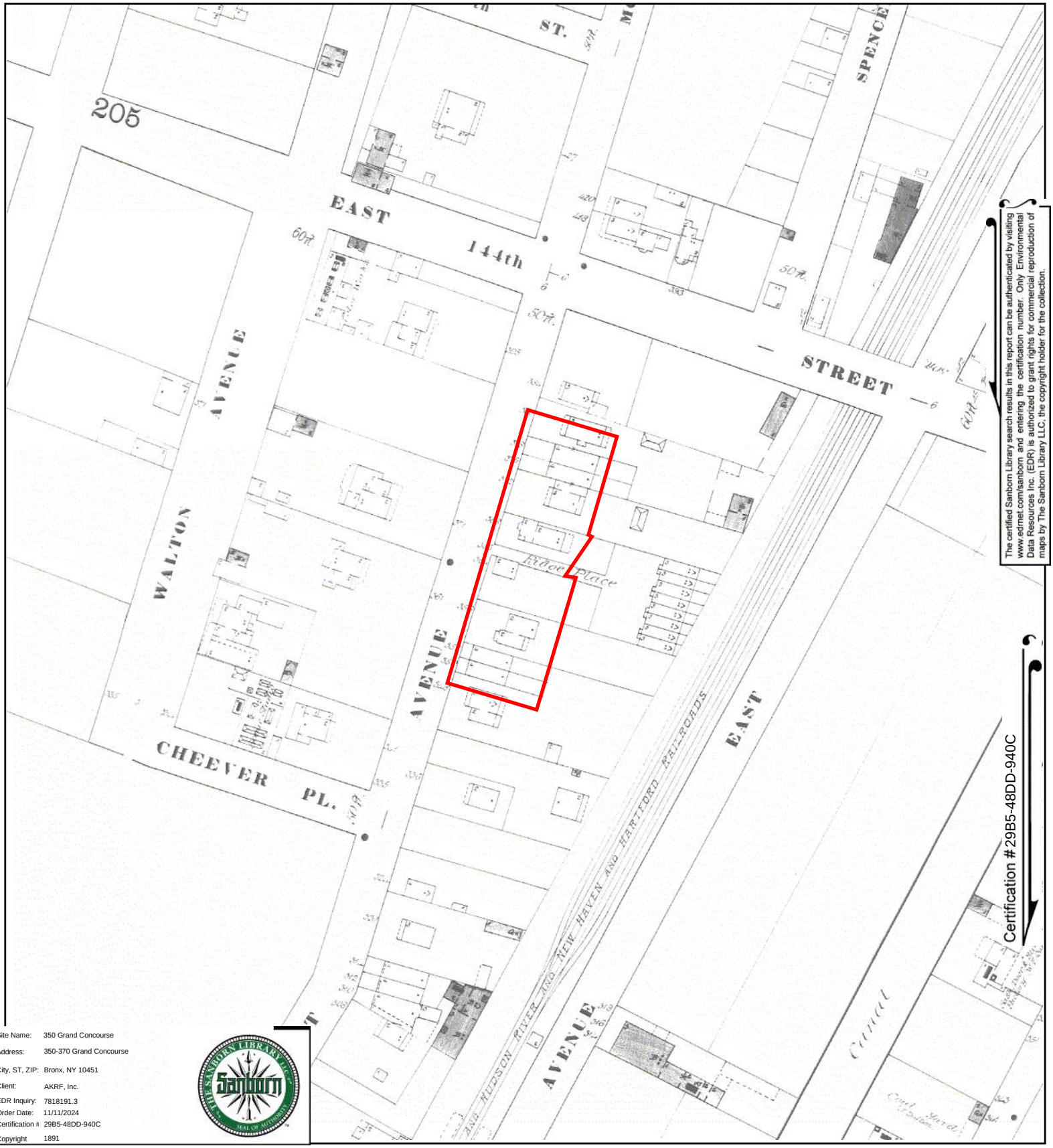
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9, Sheet 44
Volume 9, Sheet 37
Volume 9, Sheet 38
Volume 9, Sheet 42
Volume 9, Sheet 40

0 Feet 150 300 600

N

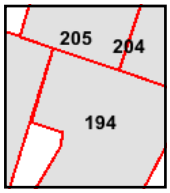


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1891

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



Volume 9, Sheet 194
Volume 9, Sheet 205
Volume 9, Sheet 204
Volume 9, Sheet 194

0 Feet 150 300 600

N

APPENDIX G
JULY 2025 WASTE CHARACTERIZATION REPORT

440 Park Avenue South, 7th Floor
New York, NY 10016
tel: 212.696.0670
www.akrf.com

350 GC Property Owner LLC
292 Madison Ave, 24th Floor
New York, New York 10017
Attention: Leslie Jager

July 11, 2025

Re: Soil Waste Characterization Results
350 Grand Concourse, Bronx, NY

Dear Mr. Jager:

AKRF, Inc. (AKRF) is pleased to provide 350 GC Property Owner LLC with the laboratory results, sampling methodology, and quality assurance procedures that were employed during the recent waste characterization soil sampling at 350 Grand Concourse in the Mott Haven section of the Bronx, New York ("the Site"). The Site is legally identified as Tax Block 2341, Lot 42. The Site location is provided on Figure 1. This report is intended to be used as a supplement to applications for soil disposal approval(s) at facilities considering accepting excavated materials originating from the Site. The sampling methods performed were to satisfy disposal facilities located in New York, New Jersey, and Pennsylvania, with the exception of seven grid/intervals that did not satisfy Pennsylvania due to the composite sample not being collected across a minimum of four soil borings. This was due to shallow refusal at particular borings or the recovered material being predominately gravel or rock from a boring interval. Specifically, the following grids/intervals did not comply with Pennsylvania requirements: A1(5-10'), A1(10-15'), B1(5-10'), B1(10-15'), B1(15-20'), B1/B2(20-25'), and B2(15-20').

PROJECT DESCRIPTION

Historically, the Site was referred to as Lots 42 and 47; Lot 47 was associated with the historical address 370 Grand Concourse before it was merged with Lot 42 into a single lot (identified as Lot 42). Currently, the Site is a vacant partially concrete-paved lot with no structures.

Historic records indicate that as early as 1891, the Site was developed with several two- to four-story dwellings and from 1908 to 1935, and the southern portion of the Site was depicted as the NYC and HR Railroad Co. with multiple two- to four-story structures. By 1935, the Site was occupied by automotive related businesses/facilities and uses that included various gasoline filling stations, auto sales, and auto body repair with associated gasoline underground storage tanks (USTs) between 1944 and 2021. Between at least 1979 and 2001, the Site was occupied by two gasoline filling stations along the northern and southern portions. Between 2003 and 2021, the Site was occupied by a single gasoline filling station in the central portion. Site operations ceased in November 2021, and all on-site buildings were demolished in July and August 2022. The Site is currently listed on the NYSDEC Petroleum Bulk Storage database with three closed-removed 12,000-gallon gasoline USTs, and five closed-removed 4,000-gallon gasoline USTs. Past owners of the Site include: Mobile Oil Corporation in 1979; Amoco Oil Company in 1990; BP Products North America Inc. in 2008; and 350 Rising LLC from 2021 to 2024. The current Site owner is 350 GC Property Owner LLC (from 2024 to present).

The Site was entered into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program on May 4, 2022. The 350 GC Property Owner LLC (Volunteer) recently acquired the Site from 350 Rising LLC (Former Volunteer), and a Brownfield Cleanup Amendment (BCA) Amendment was approved by NYSDEC on February 12, 2025 to reflect the change in the BCP Volunteer entity. It is noted that the Site also has E-Designations with the NYC Office of Environmental Remediation for Hazardous Materials, Air Quality, and Noise.

The proposed development, which will be implemented under a forthcoming Remedial Action Work Plan and submitted to NYSDEC for approval, is still being finalized and is subject to change, but will likely include a 14-story mixed-use commercial (grocery store) and residential building with Site-wide excavation to

approximately 15 feet below ground surface (bgs) with two additional deeper excavations to remove the petroleum contamination beyond the excavation depths for the building (one in grids B1/2 and another in grids B3/B4); however, bedrock may limit the excavation depth in some areas of the Site.

SITE ENVIRONMENTAL HISTORY

PREVIOUS INVESTIGATIONS

The following environmental reports were completed for the Site and are included in Attachment 1:

1. Phase I Environmental Site Assessment – 350 and 370 Grand Concourse, Bronx, NY, AKRF, October 2021
2. Subsurface (Phase II) Investigation Report – 350 and 370 Grand Concourse, Bronx, NY, AKRF, October 2021
3. Phase I Environmental Site Assessment – 350 Grand Concourse, Bronx, NY, AKRF, November 2024
4. Interim Remedial Measure Construction Completion Report (DRAFT) – 350 Grand Concourse, Bronx, NY, AKRF, April 2025
5. Remedial Investigation Report (DRAFT) – 350 Grand Concourse, Bronx, NY, AKRF, July 2025

SITE GEOLOGY

The following geologic and hydrogeological conditions at the Site based on the draft July 2025 Remedial Investigation Report are noted below:

- The stratigraphy of the Site consisted of fill up to approximately 4 to 20 feet bgs, characterized by silt with sand, brick, gravel, asphalt, and glass across the Site. The fill was generally underlain by either apparent native soil (silt, sand, and clay with gravel) to the terminus of the borings (5 to 25 feet bgs) or apparent weathered bedrock encountered between 5 to 24 feet bgs.
- Based on site-specific measurements at the monitoring well locations on February 11, 2022, the groundwater elevation across the Site ranges from approximately 14.5 to 21.5 feet (North American Vertical Datum of 1988), or from approximately 13.9 to 18.1 feet bgs. The inferred groundwater flow direction is southwesterly. Groundwater flow direction beneath the Site can be affected by many factors including subsurface openings or obstructions such as basements, underground utilities, bedrock geology, and other factors. Groundwater in the Bronx is not used as a source of drinking water.

Additional details regarding the Site geology can be found in the draft July 2025 Remedial Investigation Report listed above, and the boring logs from this sampling event, which are included as Attachment 2.

DESCRIPTION OF WASTE CHARACTERIZATION SOIL SAMPLING PROCEDURES

On May 19 through 22, 2025, AKRF oversaw the advancement of borings within grids designated as A1 through A4 and B1 through B4 to depths up to 24 feet bgs to profile material in approximately 75-foot by 50-foot grids, using Geoprobe® direct push probe technologies. A Site plan depicting the boring locations and the Site divided into the aforementioned grids is provided on Figure 2. Taking into consideration the proposed excavation plan and the Site's topography, sample depths were chosen to separately characterize each grid vertically in three intervals to 15 feet bgs (0 - 5 feet bgs, 5 - 10 feet bgs, and 10 - 15 feet bgs), with the exception of grid A4 at 10 - 15 feet bgs, due to all four borings in this grid encountering bedrock before 10.5 feet bgs. Furthermore, soil was characterized beyond the proposed construction excavation depth of 15 feet bgs to characterize two petroleum "hotspots" where the remedial excavation is likely to extend deeper than the construction excavation in grids B1/2 up to 25 feet bgs and B3/4 up to 20 feet bgs.

This waste characterization sampling was performed concurrently with the Supplemental Remedial Investigation (SRI) performed under the BCP. Many of the borings were utilized to collect both SRI and waste characterization samples

Soil samples were collected to provide analytical data per typical disposal facility guidelines at a frequency of one composite and grab sample at an approximate frequency of 700 cubic yards. The composite samples were collected across each sampling interval and analyzed for: semi-volatile organic compounds (SVOCs) plus 20 tentatively identified compounds (TICs) by United States Environmental Protection Agency (EPA) Method 8270; total analyte list metals plus boron and tin by EPA Method 6000/7000 series; toxicity characteristic leaching procedure eight Resource Conservation and Recovery Act (RCRA) metals plus copper, nickel and zinc by EPA Methods 6010 and 7470; polychlorinated biphenyl (PCBs) by EPA Method 8082; pesticides by EPA Method 8081; herbicides by EPA Method 8151; cyanide by EPA Method 9012B; New Jersey extractable petroleum hydrocarbon by EPA Method NJDEP EPH; hexavalent chromium by EPA Method 7196A; RCRA characteristics (ignitability, corrosivity, and reactivity); and total organic halogens by EPA Method 9023. The composite sample from 0 to 5-foot bgs interval for grid B4 (B4_0-5_20250522) was additionally analyzed for paint filter. Minimum five-point composite samples were composited across their respective vertical interval from four borings (per grid and per interval) except as noted in Table 1 below.

Table 1
Borings Utilized for Composite Sample

Grid ID	Approximate Vertical Interval Depth (feet bgs)				
	0 - 5	**5 - 10**	**10 - 15**	**15 - 20**	**20 - 25**
A1	SRI-SB-A1-1 SRI-SB-A1-2 SRI-SB-A1-3 SRI-SB-A1-4	SRI-SB-A1-1 SRI-SB-A1-2 SRI-SB-A1-3	SRI-SB-A1-1 SRI-SB-A1-2	No Composite Sample Collected *(Beyond Excavation Depth)*	No Composite Sample Collected *(Beyond Excavation Depth)*
A2	SRI-SB-A2-1 SRI-SB-A2-2 SRI-SB-A2-3 SRI-SB-A2-4	SRI-SB-A2-1 SRI-SB-A2-2 SRI-SB-A2-3 SRI-SB-A2-4	SRI-SB-A2-1 SRI-SB-A2-2 SRI-SB-A2-3 SRI-SB-A2-4	No Composite Sample Collected *(Beyond Excavation Depth)*	No Composite Sample Collected *(Beyond Excavation Depth)*
A3	SRI-SB-A3-1 SRI-SB-A3-2 SRI-SB-A3-3 SRI-SB-A3-4	SRI-SB-A3-1 SRI-SB-A3-2 SRI-SB-A3-3 SRI-SB-A3-4	SRI-SB-A3-1 SRI-SB-A3-2 SRI-SB-A3-3 SRI-SB-A3-4	No Composite Sample Collected *(Beyond Excavation Depth)*	No Composite Sample Collected *(Beyond Excavation Depth)*
A4	SRI-SB-A4-1 SRI-SB-A4-2 SRI-SB-A4-3 SRI-SB-A4-4	SRI-SB-A4-1 SRI-SB-A4-2 SRI-SB-A4-3 SRI-SB-A4-4	No Composite Sample Collected *(Bedrock)*	No Composite Sample Collected *(Beyond Excavation Depth)*	No Composite Sample (Collected) *(Beyond Excavation Depth)*
B1	SRI-SB-B1-1 SRI-SB-B1-2 SRI-SB-B1-3 SRI-SB-B1-4	SRI-SB-B1-2 SRI-SB-B1-3 SRI-SB-B1-4	SRI-SB-B1-2 SRI-SB-B1-3 SRI-SB-B1-4	SRI-SB-B1-2 SRI-SB-B1-4	SRI-SB-B1-4B SRI-SB-B2-3B
B2	SRI-SB-B2-1 SRI-SB-B2-2 SRI-SB-B2-3 SRI-SB-B2-4	SRI-SB-B2-1 SRI-SB-B2-2 SRI-SB-B2-3 SRI-SB-B2-4	SRI-SB-B2-1 SRI-SB-B2-2 SRI-SB-B2-3 SRI-SB-B2-4	SRI-SB-B2-1 SRI-SB-B2-3 SRI-SB-B2-4	
B3	SRI-SB-B3-1 SRI-SB-B3-2C SRI-SB-B3-3B SRI-SB-B3-4	SRI-SB-B3-1 SRI-SB-B3-2B SRI-SB-B3-3 SRI-SB-B3-4	SRI-SB-B3-2A SRI-SB-B3-2B SRI-SB-B3-3 SRI-SB-B3-4	SRI-SB-B3-2A SRI-SB-B3-2C SRI-SB-B3-3 SRI-SB-B3-4	No Composite Sample Collected *(Bedrock)*
B4	SRI-SB-B4-1A SRI-SB-B4-2A SRI-SB-B4-3 SRI-SB-B4-4	SRI-SB-B4-1A SRI-SB-B4-2A SRI-SB-B4-3 SRI-SB-B4-4	SRI-SB-B4-1A SRI-SB-B4-2A SRI-SB-B4-3 SRI-SB-B4-4	SRI-SB-B4-1B SRI-SB-B4-2B SRI-SB-B4-3 SRI-SB-B4-4	No Composite Sample *(Bedrock)*

Soil sample analyses for the grab samples were a minimum of one sample per grid/interval for: volatile organic compounds (VOCs) plus 15 TICs by EPA Method 8260 collected using Encore® sampling devices and total petroleum hydrocarbons [gasoline range organics (GRO) and diesel range organics DRO)] by

EPA method 8015. VOC samples were collected concurrently with the BCP SRI; therefore, included more than one sample per grid/interval. Furthermore, at five locations where per- and polyfluoroalkyl substances (PFAS) were detected during the previous investigation, grab samples were collected and analyzed for synthetic precipitation leaching procedure (SPLP) PFAS.

Gloves worn for sample handling were discarded between sample collections. All borings were backfilled with the soil cuttings. Samples slated for laboratory analysis were placed in laboratory-supplied containers in accordance with EPA protocols. The soil samples were analyzed by Eurofins Laboratories, Inc. of Edison, New Jersey, which is certified by the New York State Department of Health Environmental Laboratory Accreditation Program, the New Jersey Department of Environmental Protection, and the Pennsylvania Department of Environmental Protection. Samples were preserved to maintain a temperature of 4 ºC.

The borings were continuously field screened using a photoionization detector (PID) for evidence of VOCs. The PID was calibrated at the start of each day with 100 parts per million (ppm) isobutylene standard gas. At each boring, AKRF field personnel recorded and documented subsurface conditions. Boring logs are included in Attachment 2. Petroleum-like odors, staining, and/or elevated PID readings up to 2,665 ppm. Non-aqueous phase liquid (NAPL) was observed in one boring, SRI-SB-A1-1B, at 5 feet bgs. PID readings and observations (i.e., odors and the presence of NAPL) is summarized in Table 2 below. No odors or elevated PID readings were observed in the remaining borings.

Table 2
Notable PID Readings and Observations

Boring ID	Boring Depth (feet bgs)	Notable PID Readings		Observations (feet bgs)
		Parts Per Million	Depth (feet bgs)	
SRI-SB-A1-1B	15	6.1 - 148.6	2 - 15	Petroleum-like odors and NAPL at 5
SRI-SB-A1-4B	5^	3.5 - 13.8	1 - 5*	Petroleum-like odors at 2
SRI-SB-A2-3	15	3.4	10 - 15	None
SRI-SB-A3-3	15	0.1 - 19.0	1 - 15	None
SRI-SB-B1-4	24^	3.3 - 762.4	12 - 24*	Petroleum-like odors at 14 - 24*
SRI-SB-B1-4B	24^	30.6 - 730.8	20 - 24*[1]	Petroleum-like odors at 20 - 24*
SRI-SB-B2-3	24^	0.4 - 1,588	3 - 24*	Petroleum-like odors at 10 - 24*
SRI-SB-B2-3B	24^	175.2 - 182.4	20 - 24*[1]	None
SRI-SB-B3-2C	20^	0.7 - 2,665	12 - 20*	Petroleum-like odors at 13 - 15
SRI-SB-B3-4	18^	0.3 - 1,750	1 - 18*	Petroleum-like odors at 10 - 18*
SRI-SB-B4-1B	17^	0.7 - 12.7	1 - 15	Petroleum-like odors at 5 - 10
SRI-SB-B4-2B	20^	2.7 - 1,068	13 - 20*	Petroleum-like odors at 13 - 20*
SRI-SB-B4-3	19^	0.3 - 1,192	0 - 19*	Petroleum-like odors at 12 - 19*
SRI-SB-B4-4	20^	8.2 - 1,274	10 - 20*	Petroleum-like odors at 10 - 16

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

WASTE CHARACTERIZATION SOIL RESULTS

AKRF reviewed the laboratory analytical results to assess the general environmental quality of the soils and determine whether any of the materials mandated handling and disposal as regulated hazardous waste. A summary of the results by chemical group is provided below. A copy of the complete laboratory reports are provided in Attachment 3. A description of quality assurance procedures employed during sample collection is included as Attachment 4.

Volatile Organic Compounds

VOCs were detected in several soil samples, with methylcyclohexane having the highest detection of 30 milligrams per kilogram (mg/kg) in sample SRI-B4-4_13-15_20250522.

Semivolatile Organic Compounds

Polycyclic aromatic hydrocarbons, a subset of SVOCs, were detected in several soil samples, with phenanthrene having the highest detection of 1.8 mg/kg in sample A2_0-5_20250520.

Metals

Metals were detected in all the soil samples, including copper (maximum 121 mg/kg in sample B4_10-15_20250522), lead (maximum 434 mg/kg in sample A4_0-5_20250521), mercury (maximum 0.96 mg/kg in sample B1_5-10_20250519), nickel (maximum 41 mg/kg in sample B1_5-10_20250519), and zinc (maximum 260 mg/kg in sample A4_0-5_20250521).

The concentrations of TCLP metals did not exceed the EPA thresholds which would require management as regulated hazardous waste.

Polychlorinated Biphenyls, Pesticides, and Herbicides

No PCBs or herbicides were detected in any of the soil samples.

Pesticides were detected in three samples (A2_0-5_20250520, A2_5-10_20250520, and A2_10-15_20250520), with dieldrin having the highest detection of 0.011 mg/kg in sample A2_5-10_20250520.

Extractable Petroleum Hydrocarbons and Total Petroleum Hydrocarbons

Total EPH was detected in several soil samples with a maximum detection of 470 mg/kg in sample B2_5-10_20250520.

TPH GRO was detected in several soil samples with a maximum detection of 1,000 mg/kg in sample B2_17-19_20250519.

TPH DRO was detected in several soil samples with a maximum detection of 670 mg/kg in sample B2-2_3-5_20250520.

Total Organic Halogens

No total organic halogens were detected in any of the soil samples.

Synthetic Precipitation Leaching Procedure Per- and Polyfluoroalkyl Substances

SPLP PFAS was detected in all five samples collected with perfluorooctanesulfonic acid (PFOS) having the highest detection of 66.7 nanograms per liter in sample SB-01_0-2_20250520.

The full laboratory reports for samples collected as part of waste characterization sampling are included in Attachment C. A description of the quality assurance procedures is included in Attachment D. These results of the waste characterization/delineation soil sampling should be presented to disposal facilities for classification and acceptance in accordance with the individual facility permit requirements and State and Federal regulations.

LIMITATIONS

The findings set forth in this report are strictly limited in scope and time to the date of the evaluation described herein. The findings and recommendations presented in the report are based solely on the services and any limitations described in this report.

This report contains conclusions that are based on the analysis of data collected at the time and locations noted in the report through intrusive sampling. However, further investigation might reveal additional data or variations of the current data, which may differ from our understanding of the conditions presented in this report and require the enclosed recommendations to be reevaluated or modified.

Chemical analyses have been performed for specific parameters during this investigation, as summarized in the text and data. It should be noted that additional chemical constituents, not searched for during this investigation, may be present at the site. Due to the nature of the investigation and the limited data available, no warranty, expressed or implied, shall be construed with respect to undiscovered liabilities. The presence of biological hazards, radioactive materials, lead-based paint and asbestos-containing materials was not investigated.

This report may be based solely on data collected, conducted, and provided by AKRF. No warranty is expressed or implied by usage of such data. Such data may be included in other investigation reports or documentation. In addition, these reports may have been based upon available previous reports, historical records, and documentation from federal, state and local government agencies, personal interviews, and geological mapping. This report is subject, at a minimum, to the limitations of the previous reports, historical documents, availability and accuracy of collected documentation, and personal recollection of those persons interviewed. In certain instances, AKRF has been required to assume that the information provided is accurate with limited or no corroboratory evidence.

This report is intended for the use solely by 350 GC Property Owner LLC and its Construction Management Team. AKRF accepts no responsibility for damages incurred by third parties for any decisions or actions taken based on this report. This report must be used, interpreted, and presented in its entirety.

If you have any questions or require further information, please contact Kenneth Wiles at (646) 388-9528 or kwiles@akrf.com.

Sincerely,

AKRF, Inc.

Marc Godick, QEP
Senior Vice President

Kenneth Wiles
Senior Technical Director

Enc.

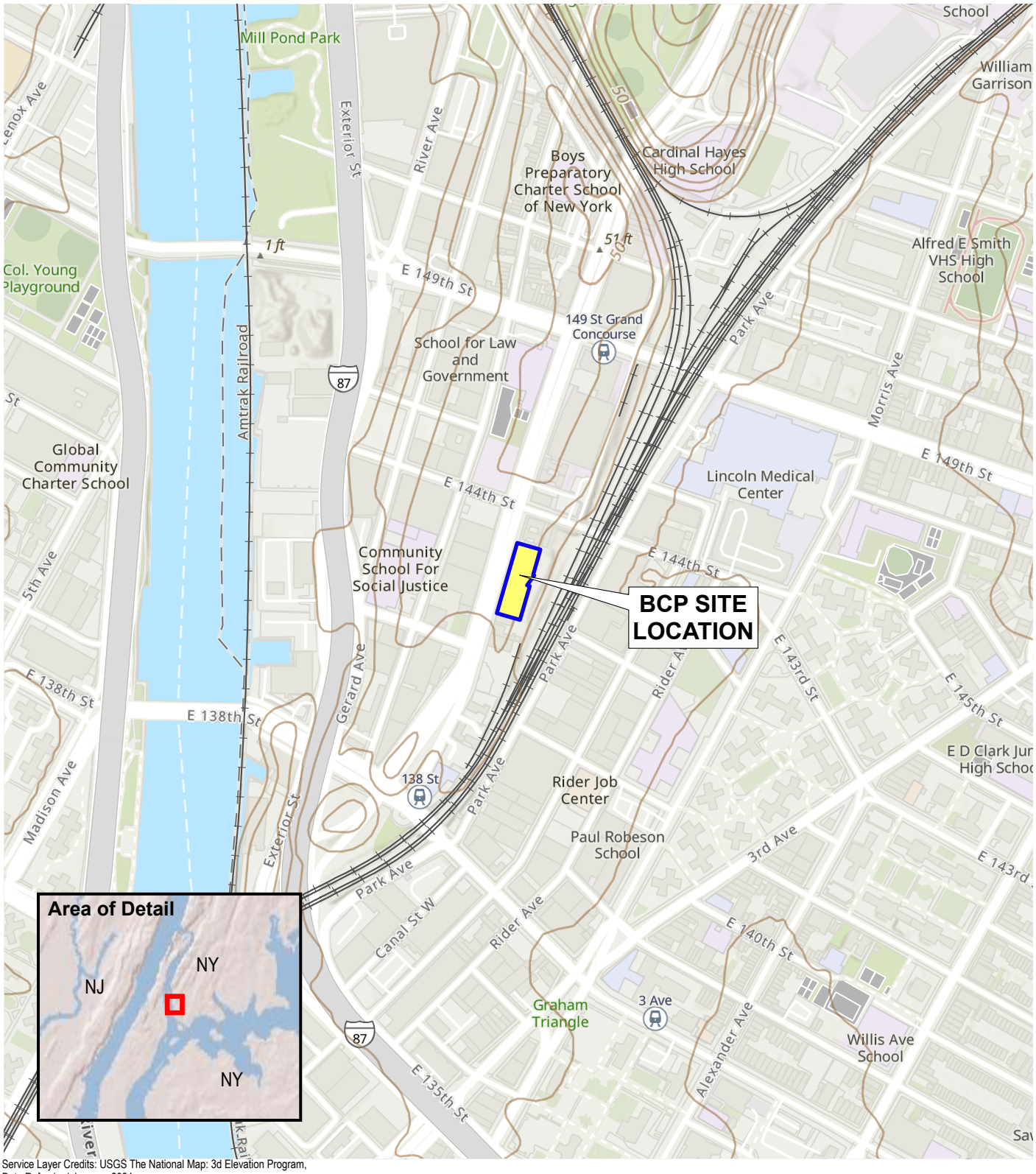
Figures

Figure 1 – Site Location
Figure 2 – Sample Locations

Attachments

Attachment 1 – Previous Environmental Reports
Attachment 2 – Soil Boring Logs
Attachment 3 – Laboratory Analysis Reports
Attachment 4 – Quality Assurance Procedures

FIGURES



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

akrf

440 Park Avenue South, New York, NY 10016

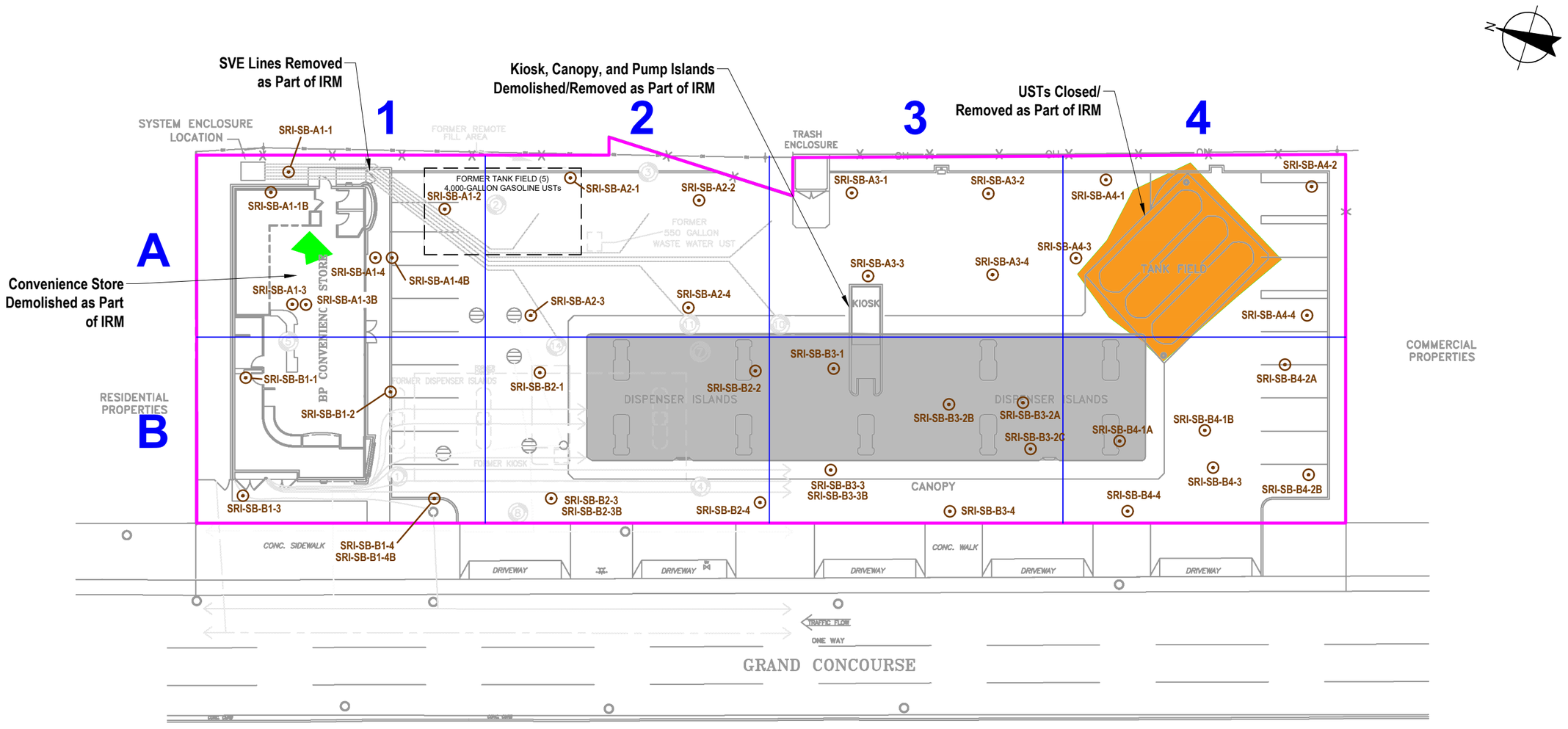
350 Grand Concourse
Bronx, New York

BCP SITE LOCATION

DATE
6/19/2025

PROJECT NO.
240979

FIGURE
1



LEGEND

- BCP SITE BOUNDARY
- WASTE CHARACTERIZATION / SUPPLEMENTAL REMEDIAL INVESTIGATION SOIL BORING LOCATION (2025)
- WASTE CHARACTERIZATION GRID
- CONCRETE SLAB WAS REMOVED AND SOIL WAS EXCAVATED ONLY AS NECESSARY TO REMOVE THE FORMER DISPENSER FUEL PIPING.
- REMEDIAL EXCAVATION TO 5 FEET BGS TO REMOVE LEAD (NON-HAZARDOUS HOTSPOT)
- REMEDIAL EXCAVATION TO 10 FEET BGS TO REMOVE THREE 12,000-GAL USTS*

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

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

BGS - BELOW GROUND SURFACE

UST - UNDERGROUND STORAGE TANK

0 15 30 60

SCALE IN FEET

Map Source:

EnviroTrac "370 Grand Concourse Bronx, New York - Site Plan", Figure 2, Dated April 16, 2019.

akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

WASTE CLASS SAMPLING LOCATION PLAN

DATE
7/3/2025

PROJECT NO.
240979

FIGURE
2

©2025 AKRF, Inc Q:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\Technical\Hazmat\CAD\240979 Fig 2 Waste Class Sampling Locations.dwg last save: mveilleux 7/3/2025 2:42 PM

ATTACHMENT 1
PREVIOUS ENVIRONMENTAL REPORTS

ATTACHMENT 2
SOIL BORING LOGS

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A1-1

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	52-70°F, Clear
Logged By:	M. Miller, AKRF

Drilling
Start Time: 09:30 **Finish Time:** 10:00
Date: 05/19/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	22	Top 13": Fine GRAVEL (FILL).	ND	Dry	ND	ND	
2							A1_0-5 _20250519^
3		Bottom 9": Brown SAND, little Concrete, trace Silt (FILL).	ND	Dry	ND	ND	
4							SRI-A1-1_3-5 _20250519*
5							
6	28	Top 9": Fine GRAVEL (SLOUGH).	ND	Dry	ND	ND	
7		Middle 13": Brown SAND and Fine GRAVEL, trace Silt.	ND	Dry	ND	ND	A1_5-10 _20250519^
8		Bottom 6": Brown SAND, little Silt.	ND	Dry	ND	ND	
9							SRI-A1-1_8-10 _20250519*
10							
11	32	Top 6": Fine GRAVEL (SLOUGH).	ND	Dry	ND	ND	
12		Next 7": Brown SAND and Fine GRAVEL, trace Silt.	ND	Dry	ND	ND	A1_10-15 _20250519^
13		Next 11": Brown SAND, some Silt.	ND	Moist @ 12'	ND	ND	
14		Bottom 8": Red SAND, little Silt.	ND	Moist	ND	ND	SRI-A1-1_13-15 _20250519*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: SVOCs and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A1-1B
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 14:00	Finish Time: 14:30
	Driller:	Coastal Environmental		
	Weather:	48-52°F, Rain/Overcast	Date: 05/22/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	21	Top 7": Fine GRAVEL (FILL).	ND	Dry	ND	ND	
2		Bottom 14": Brown SAND, little Silt, trace Clay, fine Gravel, Brick (FILL).	ND	Dry	9.3	ND	
3			ND	Dry	8.6	ND	
4			ND	Dry	6.1	ND	SRI-A1-1B_3-5_20250522*
5							
6	24	Top 4": Fine GRAVEL (FILL) (NAPL @ 5').	Petroleum-like	Wet	59.1	Yes	SRI-A1-1B_5-7_20250522*
7		Bottom 20": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	43.2	ND	
8							
9							
10							
11	34	Top 11": Fine GRAVEL (SLOUGH).	Petro-like	Wet	148.6	Yes	
12		Bottom 23": Brown SAND, trace Silt, fine Gravel.	ND	Dry	9.7	ND	
13							
14							SRI-A1-1B_13-15_20250522*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
*** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A1-2
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 10:00	Finish Time: 10:30
	Driller:	Coastal Environmental		
	Weather:	52-70°F, Clear	Date: 05/19/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	33	Top 6": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 27": Brown SAND, little Silt, trace fine Gravel, Brick (FILL).	ND	Dry	ND	ND	A1_0-5 _20250519^
3							
4							SRI-A1-2_3-5 _20250519*
5							
6	40	Brown SAND, little Silt, trace fine Gravel, Brick, Concrete (FILL).	ND	Dry	ND	ND	
7							A1_5-10 _20250519^
8							
9							SRI-A1-2_8-10 _20250519*
10							
11	22	Top 9": Brown SAND, little Silt, trace fine Gravel, Brick, Concrete (FILL).	ND	Dry	ND	ND	
12							A1_10-15 _20250519^
13		Bottom 13": Brown SAND, trace Silt.	ND	Dry	ND	ND	
14							SRI-A1-2_13-15 _20250519*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A1-3

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	52-70°F, Clear
Logged By:	M. Miller, AKRF

Drilling
Start Time: 08:15 **Finish Time:** 09:00
Date: 05/19/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	17	Top 10": Fine GRAVEL (FILL).	ND	Dry	ND	ND	
2		Bottom 7": Brown SAND, little Brick, trace Silt, fine Gravel, Glass (FILL).	ND	Dry	ND	ND	A1_0-5 _20250519^
3							
4							SRI-A1-3A_3-5 _20250519*
5							
6	31	Top 12": Fine GRAVEL (SLOUGH).	ND	Dry	ND	ND	A1_5-10 _20250519^
7		Middle 11": Brown SAND, little Brick, trace Silt, fine Gravel, Glass (FILL).	ND	Dry	ND	ND	
8							SRI-A1-3A_7-9 _20250519*
9		Bottom 8": Light Brown SAND, little fine Gravel, trace Silt.	ND	Dry	ND	ND	
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: SVOCs and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 9 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A1-3B
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 09:30	Finish Time: 10:00
	Driller:	Coastal Environmental		
	Weather:	48-52°F, Rain/Overcast	Date: 05/22/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	30	Top 7": Fine GRAVEL and BRICK (FILL).	ND	Dry	ND	ND	
2		Bottom 23": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	Dry	ND	ND	
3							
4							SRI-A1-3B_3-5_20250522*
5							
6	19	Brown SAND, some Brick, fine Gravel, trace Silt (FILL).	ND	Dry	ND	ND	
7							
8							SRI-A1-3B_7-9_20250522*
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
*** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.

End of soil boring at 10 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A1-4
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 10:30	Finish Time: 11:00
	Driller:	Coastal Environmental		
	Weather:	52-70°F, Clear	Date: 05/19/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	29	Top 7": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 19": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	A1_0-5_20250519^
3							
4							
5		Bottom 3": CONCRETE (FILL).	ND	Dry	ND	ND	SRI-A1-4_3-5_20250519*
	3	CONCRETE (FILL).	ND	Dry	ND	ND	
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: SVOCs and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 5.5 feet below grade due to refusal on concrete.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A1-4B
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 14:30	Finish Time: 14:45
	Driller:	Coastal Environmental		
	Weather:	48-52°F, Rain/Overcast	Date: 05/22/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	39	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Next 7": Brown SAND, some Silt, trace Brick (FILL).	ND	Dry	3.5	ND	
3		Next 3": Black GRAVEL (FILL).	Petro-like	Dry	13.8	ND	
4		Next 8": Brown SAND, some Silt, little Brick, trace fine Gravel (FILL).	ND	Dry	5.6	ND	SRI-A1-4B_3-5_20250522*
5		Bottom 12":Brown SAND, little Clay, trace Silt.	ND	Dry	5.2	ND	
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
*** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.

End of soil boring at 5 feet below grade due to refusal on suspected concrete.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A2-1
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 09:00	Finish Time: 09:30
	Driller:	Coastal Environmental		
	Weather:	49-67°F, Clear	Date: 05/20/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	31	Top 12": CONCRETE (FILL).	ND	Dry	ND	ND	
2							A2_0-5 _20250520^
3		Bottom 19": Brown SAND, little Silt, fine Gravel, trace Brick, Roots (FILL).	ND	Dry	ND	ND	
4							SRI-A2-1_3-5 _20250520*
5							
6	30	Top 2": CONCRETE (SLOUGH).	ND	Dry	ND	ND	
7		Bottom 28": Brown SAND, some Crushed Rock, little Silt, trace Brick, fine Gravel, Roots (FILL).	ND	Dry	ND	ND	A2_5-10 _20250520^
8							
9							SRI-A2-1_8-10 _20250520*
10							
11	33	Top 8": CONCRETE (SLOUGH).	ND	Dry	ND	ND	
12		Bottom 25": Brown SAND, little Silt, trace fine Gravel, Brick, Roots (FILL).	ND	Dry	ND	ND	A2_10-15 _20250520^
13							
14							SRI-A2-1_13-15 _20250520*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A2-2
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 08:30	Finish Time: 09:00
	Driller:	Coastal Environmental		
	Weather:	49-67°F, Clear	Date: 05/20/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	43	Top 5": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 38": Brown SAND, little Silt, trace Brick, Concrete, Roots (FILL).	ND	Dry	ND	ND	A2_0-5_20250520^
3							
4							SRI-A2-2_3-5_20250520*
5							
6	35	Top 18": CONCRETE and Brown SAND, little Silt, trace Brick, Roots (SLOUGH).	ND	Dry	ND	ND	
7							A2_5-10_20250520^
8		Bottom 17": Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
9							SRI-A2-2_8-10_20250520*
10							
11	32	Top 18": Gray SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
12		Bottom 14": Red-Brown SAND, trace fine Gravel, Roots.	ND	Dry	ND	ND	A2_10-15_20250520^
13							
14							SRI-A2-2_13-15_20250520*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:

^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.

*** - SRI Sample: VOCs, SVOCs, and TAL Metals**

**** - SRI Sample: VOCs**

Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A2-3
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 49-67°F, Clear Logged By: M. Miller, AKRF	Drilling Start Time: 10:30 Date: 05/20/2025	Finish Time: 11:00

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	38	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 29": Brown SAND, some Silt, trace fine Gravel (FILL).	ND	Dry	ND	ND	A2_0-5 _20250520^
3							
4							SRI-A2-3_3-5 _20250520*
5							
6	14	Brown SAND, little Concrete, Silt, trace Brick (FILL).	ND	Dry	ND	ND	
7			ND	Moist @7'	ND	ND	A2_5-10 _20250520^
8							
9							SRI-A2-3_8-10 _20250520*
10							
11	16	Brown SAND, little Concrete, Silt, trace Brick (FILL).	ND	Moist	3.4	ND	SRI-A2-3_10-12 _20250520*
12							
13							
14							A2_10-15 _20250520^
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A2-4
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 07:30	Finish Time: 08:00
	Driller:	Coastal Environmental		
	Weather:	49-67°F, Clear	Date: 05/20/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	16	Top 2": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 2": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	A2_0-5 _20250520^
3		Bottom 12": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	Dry	ND	ND	
4							SRI-A2-4_3-5 _20250520*
5							
6	21	Top 6": CONCRETE (SLOUGH).	ND	Dry	ND	ND	
7		Bottom 15": Dark Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	A2_5-10 _20250520^
8							
9							SRI-A2-4_8-10 _20250520*
10							
11	39	Top 16": Dark Brown SAND, little Silt, trace Glass, Ceramic, Brick (FILL).	ND	Dry	ND	ND	
12							A2_10-15 _20250520^
13		Bottom 23": Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
14							SRI-A2-4_13-15 _20250520*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A3-1
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 49-67°F, Clear Logged By: M. Miller, AKRF	Drilling Start Time: 12:30 Date: 05/20/2025	Finish Time: 13:00

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	40	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 31": Brown SAND, little Silt, trace Brick, Coal, fine Gravel (FILL).	ND	Dry	ND	ND	A3_0-5 _20250520^
3							
4							SRI-A3-1_3-5 _20250520*
5							
6	54	Top 17": Brown SAND, little Silt, trace Brick, fine Gravel, Concrete (FILL).	ND	Dry	ND	ND	
7							A3_5-10 _20250520^
8		Bottom 37": Red-Brown SILTY SAND, trace fine Gravel.	ND	Dry	ND	ND	
9							SRI-A3-1_8-10 _20250520*
10							
11	42	Top 7": Brown SAND, some fine Gravel, trace Brick, Silt (SLOUGH).	ND	Dry	ND	ND	
12		Middle 25": Red-Brown SAND, some Silt, trace fine Gravel.	ND	Dry	ND	ND	A3_10-15 _20250520^
13							
14		Bottom 10": Light Brown SAND, little Silt.	ND	Dry	ND	ND	SRI-A3-1_13-15 _20250520*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A3-2

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	49-67°F, Clear
Logged By:	M. Miller, AKRF

Drilling
Start Time: 12:00 **Finish Time:** 12:30
Date: 05/20/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	50	Top 8": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 42": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	A3_0-5_20250520^
3							
4							SRI-A3-2_3-5_20250520
5							
6	53	Top 26": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	
7							A3_5-10_20250520^
8		Bottom 27": Red-Brown SILTY SAND.	ND	Dry	ND	ND	
9							SRI-A3-2_8-10_20250520
10							
11	34	Top 10": Brown SAND, little Silt, Concrete, trace Brick (SLOUGH).	ND	Dry	ND	ND	
12		Middle 17": Red-Brown SAND, some Silt.	ND	Dry	ND	ND	A3_10-15_20250520^
13							
14							SRI-A3-2_13-15_20250520*
15		Bottom 7": Light Brown SAND, little fine Gravel, trace Silt.	ND	Dry	ND	ND	
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A3-3		
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling			
	Sampling Method:	5' macrocore	Start Time: 11:00		Finish Time: 11:30	
	Driller:	Coastal Environmental				
	Weather:	49-67°F, Clear	Date: 05/20/2025			
	Logged By:	M. Miller, AKRF				

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	31	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 15": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	Dry	1.3	ND	A3_0-5 _20250520^
3			ND	Dry	2.5	ND	
4		Bottom 7": Brown SAND, some Silt (FILL).	ND	Dry	19.0	ND	
5			ND	Dry	8.0	ND	SRI-A3-1_3-5 _20250520
6	35	Top 6": Brown SAND and CONCRETE (SLOUGH).	ND	Dry	0.1	ND	
7		Middle 17": Red SAND, little Silt.	ND	Dry	0.3	ND	SRI-A3-3_5-7 _20250520
8							
9		Bottom 12": Light Brown SAND, trace Silt.	ND	Dry	0.2	ND	A3_5-10 _20250520^
10							
11	37	Top 7": Brown SAND, some Silt, Concrete (SLOUGH).	ND	Dry	ND	ND	
12		Bottom 30": Light Brown SAND, trace Silt.	ND	Dry	0.5	ND	SRI-A3-3_10-12 _20250520*
13							
14							A3_10-15 _20250520^
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A3-4
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 11:30	Finish Time: 12:00
	Driller:	Coastal Environmental		
	Weather:	49-67°F, Clear	Date: 05/20/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	23	Top 11": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 12": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	Dry	ND	ND	A3_0-5 _20250520^
3							
4							SRI-A3-4_3-5 _20250520
5							
6	37	Top 7": Brown SAND and Fine GRAVEL (FILL).	ND	Dry	ND	ND	
7		Next 5": CONCRETE (FILL).	ND	Dry	ND	ND	
8		Next 15": Brown SAND, little Silt, trace fine Gravel, Brick (FILL).	ND	Dry	ND	ND	SRI-A3-4_6-8 _20250520
9		Next 4": Fine GRAVEL, trace Sand (FILL).	ND	Dry	ND	ND	A3_5-10 _20250520^
10		Bottom 6": Brown SAND, little Silt, trace fine Gravel, Brick (FILL).	ND	Dry	ND	ND	
11	35	Top 10": Fine GRAVEL, trace Sand (SLOUGH).	ND	Dry	ND	ND	
12		Bottom 25": Red-Brown SAND, some Silt.	ND	Dry	ND	ND	A3_10-15 _20250520^
13							
14							SRI-A3-4_13-15 _20250520*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A4-1

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	49-67°F, Clear
Logged By:	M. Miller, AKRF

Drilling
Start Time: 13:00 **Finish Time:** 13:30
Date: 05/20/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	39	Top 8": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 31": Brown SAND, little Silt, Brick, trace fine Gravel (FILL).	ND	Dry	ND	ND	A4_0-5 _20250521^
3							
4							SRI-A4-1_3-5 _20250520*
5							
6	18	Top 5": CONCRETE, trace Brick, Sand, Glass (SLOUGH).	ND	Dry	ND	ND	
7		Middle 9": Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	A4_5-10 _20250521^
8		Bottom 4": CRUSHED ROCK.	ND	Dry	ND	ND	SRI-A4-1_7-9 _20250520*
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.
End of soil boring at 9 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A4-2

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	49-67°F, Clear
Logged By:	M. Miller, AKRF

Drilling
Start Time: 13:30 **Finish Time:** 14:00
Date: 05/20/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	28	Top 7": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Next 2": Brown SAND, some Silt, trace Brick, Glass (FILL).	ND	Dry	ND	ND	A4_0-5 _20250521^
3		Next 8": Fine GRAVEL, little Sand (FILL).	ND	Dry	ND	ND	
4		Bottom 11": Brown SAND, some Brick, Concrete, trace Silt (FILL).	ND	Dry	ND	ND	SRI-A4-2_3-5 _20250520*
5							
6	44	Top 20": Fine GRAVEL, some Sand.	ND	Dry	ND	ND	A4_5-10 _20250521^
7		Middle 18": Brown SILTY SAND.	ND	Dry	ND	ND	SRI-A4-2_6-8 _20250520*
8							
9		Bottom 6": CRUSHED ROCK.	ND	Dry	ND	ND	
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 9 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A4-3
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 08:00	Finish Time: 08:30
	Driller:	Coastal Environmental		
	Weather:	50-58°F, Overcast/Rain	Date: 05/21/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	37	Top 10": CONCRETE (FILL).	ND	Dry	ND	ND	
2							A4_0-5 _20250521^
3		Bottom 27": Brown SAND, little Silt, trace fine Gravel, Brick (FILL).	ND	Moist @ 2'	ND	ND	
4							SRI-A4-3_3-5 _20250521*
5							
6	21	Top 8": Brown SAND, little Silt, trace fine Gravel, Brick (FILL).	ND	Moist	ND	ND	
7		Bottom 13": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	Moist	ND	ND	A4_5-10 _20250521^
8							
9							SRI-A4-3_8-10 _20250521*
10							
11	10	Top 6": Brown SAND, little Silt, trace fine Gravel, Concrete (FILL).	ND	Moist	ND	ND	SRI-A4-3_10-12 _20250521*
12		Bottom 4": CRUSHED ROCK.	ND	Dry	ND	ND	
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater encountered during soil boring installation at approximately 15 feet.

End of soil boring at 12 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A4-4

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	50-58°F, Overcast/Rain
Logged By:	M. Miller, AKRF

Drilling
Start Time: 09:30 **Finish Time:** 10:00
Date: 05/21/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	39	Top 14": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Next 12': Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	A4_0-5 _20250521^
3		Next 4": CONCRETE (FILL).	ND	Dry	ND	ND	
4		Bottom 9": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Moist @ 4'	ND	ND	SRI-A4-4_3-5 _20250521*
5							
6	12	Brown SAND, little Silt, Concrete, trace Brick (FILL).	ND	Moist	ND	ND	A4_5-10 _20250521^
7							SRI-A4-4_6-8 _20250521*
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 8 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B1-1
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 52-70°F, Clear Logged By: M. Miller, AKRF	Drilling Start Time: 12:45 Finish Time: 13:00 Date: 05/19/2025	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	27	Top 7": Fine GRAVEL (FILL).	ND	Dry	ND	ND	
2		Middle 15": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	Dry	ND	ND	B1_0-5 _20250519^
3							
4		Bottom 5": Light Brown SAND, trace Silt, Crushed Rock.	ND	Dry	ND	ND	SRI-B1-1_3-5 _20250519*
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 5 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B1-2
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 52-70°F, Clear Logged By: M. Miller, AKRF	Drilling Start Time: 11:30 Date: 05/19/2025	Finish Time: 12:00

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	38	Top 10": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Next 14": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	B1_0-5 _20250519^
3		Next 4": CRUSHED ROCK (FILL).	ND	Dry	ND	ND	
4		Bottom 10": Brown SAND, little Silt trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	SRI-B1-2_3-5 _20250519*
5							
6	28	Top 13": Brown SAND and CONCRETE (FILL).	ND	Dry	ND	ND	SRI-B1-2_5-7 _20250519*
7							
8		Bottom 15": Brown SAND and BRICK, trace Silt, fine Gravel (FILL).	ND	Dry	ND	ND	
9							B1_5-10 _20250519^
10							
11	51	Top 11": BRICK and CONCRETE, some Sand (FILL).	ND	Moist @11'	ND	ND	
12		Bottom 40": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	Moist	ND	ND	B1_10-15 _20250519^
13							
14							SRI-B1-2_13-15 _20250519*
15							
16	48	Top 12": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	Moist	ND	ND	
17		Middle 10": Brown SILTY SAND, little fine Gravel.	ND	Wet @ 16'	ND	ND	B1_15-20 _20250519^
18		Bottom 26": Brown SILT and CLAY.	ND	Wet	ND	ND	
19							SRI-B1-2_18-20 _20250519**
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater encountered during soil boring installation at approximately 16 feet.
End of soil boring at 20 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B1-3
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 13:00	Finish Time: 13:30
	Driller:	Coastal Environmental		
	Weather:	52-70°F, Clear	Date: 05/19/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	12	Top 5": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 7": Brown SAND, some Silt, trace Brick, Clay (FILL).	ND	Dry	ND	ND	B1_0-5 _20250519^
3							
4							SRI-B1-3_3-5 _20250519*
5							
6	33	Top 10": Brown SAND and CRUSHED ROCK.	ND	Dry	ND	ND	SRI-B1-3_5-7 _20250519*
7		Bottom 23": Brown SAND, some Silt, trace fine Gravel.	ND	Dry	ND	ND	
8							
9							B1_5-10 _20250519^
10							
11	18	Brown SAND, some Silt, little Crushed Rock.	ND	Dry	ND	ND	
12							B1_10-15 _20250519^
13							
14							SRI-B1-3_13-15 _20250519*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade due to refusal encountered on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B1-4		
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling			
	Sampling Method:	5' macrocore	Start Time: 13:30		Finish Time: 14:00	
	Driller:	Coastal Environmental				
	Weather:	52-70°F, Clear	Date: 05/19/2025			
	Logged By:	M. Miller, AKRF				

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	30	Top 8": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 22": Brown SAND, some Silt, trace fine Gravel, Brick, Glass (FILL).	ND	Dry	ND	ND	B1_0-5 _20250519^
3							
4							SRI-B1-4_3-5 _20250519*
5							
6	38	Brown SAND, some Silt, trace fine Gravel, Brick, Glass, Concrete (FILL).	ND	Dry	ND	ND	SRI-B1-4_5-7 _20250519*
7							
8							
9							B1_5-10 _20250519^
10							
11	48	Top 14": Brown SAND, some Silt, trace fine Gravel, Brick, Glass, Concrete (FILL).	ND	Dry	ND	ND	
12		Middle 30": Red CLAYEY SILT, trace fine Gravel.	ND	Moist @ 12'	3.3	ND	B1_10-15 _20250519^
13							
14							SRI-B1-4_13-15
15		Bottom 4": Brown SAND, some Silt, trace Crushed Rock.	Petroleum-like	Moist	36.3	ND	_20250519*
16	60	Top 31": Brown SILT and CLAY.	Petroleum-like	Wet @ 15'	ND	ND	B1_15-20 _20250519^
17							
18		Next 7": Brown SAND, some Silt, trace Clay, fine Gravel.	Petroleum-like	Wet	10.3	ND	SRI-B1-4_17-19
19		Next 9": Black SAND.	Petroleum-like	Moist @ 18'	762.4	ND	_20250519**
20		Bottom 13": Red CLAYEY SILT.	Petroleum-like	Moist	22.4	ND	

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater encountered during soil boring installation at approximately 15 feet.
End of soil boring at 24 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B1-4
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 09:30	Finish Time: 09:45
	Driller:	Coastal Environmental		
	Weather:	49-67°F, Clear	Date: 05/20/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	58	Top 32": Black SAND, some Silt.	Petroleum-like	Wet	451.2	ND	
22			Petroleum-like	Wet	229.3	ND	
23		Middle 18": Black SAND, some Silt, trace red Clay.	Petroleum-like	Wet	76.1	ND	
24		Bottom 8": Red CLAYEY SILT.	Petroleum-like	Wet	17.0	ND	SRI-B1-4_22-24_20250520**
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater encountered during soil boring installation at approximately 15 feet.
End of soil boring at 24 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B1-4B

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	48-52°F, Overcast/Rain
Logged By:	M. Miller, AKRF

Drilling
Start Time: 12:00 **Finish Time:** 12:15
Date: 05/22/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	58	Top 38": Brown SAND, some Silt.	Petroleum-like	Wet	312.2	ND	B1-B2_20-25 _20250522^
22			Petroleum-like	Wet	460.3	ND	
23		Bottom 20": Red SILT.	Petroleum-like	Moist	730.8	ND	
24			Petroleum-like	Moist	30.6	ND	
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH.
Groundwater encountered during soil boring installation at approximately 15 feet.

End of soil boring at 24 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B2-1		
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling			
	Sampling Method:	5' macrocore	Start Time: 14:15		Finish Time: 14:30	
	Driller:	Coastal Environmental				
	Weather:	52-70°F, Clear	Date: 05/19/2025			
	Logged By:	M. Miller, AKRF				

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	24	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 15": Brown SAND, little Silt, trace fine gravel (FILL).	ND	Dry	ND	ND	B2_0-5 _20250520^
3							
4							SRI-B2-1_3-5 _20250519*
5							
6	30	Top 5": CONCRETE and Brown SAND (SLOUGH).	ND	Dry	ND	ND	
7		Brown 25": Brown SAND, little Silt, trace fine Gravel, metal (FILL).	ND	Dry	ND	ND	B2_5-10 _20250520^
8							
9							SRI-B2-1_8-10 _20250519*
10							
11	39	Top 32": Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
12							B2_10-15 _20250520^
13							
14		Bottom 7": Red-Brown CLAYEY SILT.	ND	Moist @15'	ND	ND	SRI-B2-1_13-15 _20250519*
15							
16	46	Top 9": Brown SAND, some Silt, trace fine Gravel.	ND	Moist	ND	ND	
17		Middle 23": Red-Brown SAND, some Silt, trace fine Gravel.	ND	Wet @17'	ND	ND	B2_15-20 _20250520^
18							
19		Bottom 14": Grey SILTY SAND, trace Clay.	ND	Moist @19'	ND	ND	SRI-B2-1_18-20 _20250519*
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs**
Groundwater encountered during soil boring installation at approximately 17 feet.

End of soil boring at 20 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B2-2
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 08:00	Finish Time: 08:30
	Driller:	Coastal Environmental		
	Weather:	49-67°F, Clear	Date: 05/20/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	46	Top 8": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 38": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	B2_0-5_20250520^
3							
4							SRI-B2-2_3-5_20250520*
5							
6	24	Top 4": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	
7		Next 2": CONCRETE (FILL).	ND	Dry	ND	ND	B2_5-10_20250520^
8		Next 10": Black SILTY SAND, trace Wood, Plastic (FILL).	ND	Moist @7'	ND	ND	
9		Bottom 8": Brown SAND, some Silt.	ND	Moist	ND	ND	SRI-B2-2_8-10_20250520*
10							
11	48	Top 13": Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
12		Bottom 35": Tan SAND, trace Silt.	ND	Dry	ND	ND	B2_10-15_20250520^
13							
14							SRI-B2-2_13-15_20250520*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B2-3

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	52-70°F, Clear
Logged By:	M. Miller, AKRF

Drilling
Start Time: 14:00 **Finish Time:** 14:15
Date: 05/19/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	40	Top 8": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 12": Dark Brown SAND, some Silt, trace fine Gravel, Concrete (FILL).	ND	Dry	ND	ND	B2_0-5 _20250520^
3		Bottom 20": Brown SAND, some Silt, trace fine Gravel.	ND	Moist @3'	0.4	ND	
4							SRI-B2-3_3-5 _20250519*
5							
6	41	Top 22": Brown SAND, some Silt, trace fine Gravel.	ND	Moist	ND	ND	
7							B2_5-10 _20250520^
8		Bottom 19": Red-Brown SILTY SAND.	ND	Moist	0.5	ND	
9							SRI-B2-3_8-10 _20250519*
10							
11	38	Top 30": Red-Brown SILTY SAND.	Petroleum-like	Moist	8.2	ND	
12			Petroleum-like	Moist	13.5	ND	B2_10-15 _20250520^
13			Petroleum-like	Moist	385.2	ND	
14		Bottom 8": Brown SAND, some Silt, trace fine Gravel.	Petroleum-like	Moist	610.4	ND	SRI-B2-3_13-15 _20250519*
15			Petroleum-like	Moist	1,220	ND	
16	60	Top 20": Brown SAND, some Silt, trace fine Gravel.	Petroleum-like	Wet @ 15'	135.2	ND	
17		Middle 19": Black SAND, trace Crushed Rock.	Petroleum-like	Wet	964.2	ND	B2_15-20 _20250520^
18			Petroleum-like	Wet	1,499	ND	
19		Bottom 21": Red CLAYEY SILT, trace fine Gravel.	Petroleum-like	Wet	123.2	ND	SRI-B2-3_17-19 _20250519*
20			Petroleum-like	Wet	19.0	ND	

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs**
Groundwater encountered during soil boring installation at approximately 15 feet.

End of soil boring at 24 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B2-3
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 09:45	Finish Time: 10:00
	Driller:	Coastal Environmental		
	Weather:	49-67°F, Clear	Date: 05/20/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	58	Top 12": Black SILTY SAND, trace red Clay.	Petroleum-like	Wet	1,221	ND	
22		Middle 34": Black SAND, some Silt, trace fine Gravel.	Petroleum-like	Wet	1,256	ND	
23			Petroleum-like	Wet	1,588	ND	
24		Bottom 12": Red SILT, little Clay.	Petroleum-like	Wet	740.9	ND	SRI-B2-3_22-24_20250520*
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs**
Groundwater encountered during soil boring installation at approximately 15 feet.

End of soil boring at 24 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B2-3B

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	48-52°F, Overcast/Rain
Logged By:	M. Miller, AKRF

Drilling
Start Time: 12:15 **Finish Time:** 12:30
Date: 05/22/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	32	Top 29": Brown SILTY SAND, trace fine Gravel.	ND	Wet	175.2	ND	
22			ND	Wet	182.4	ND	
23			ND	Wet	566	ND	B1-B2_20-25 _20250522^
24		Bottom 3": Red SILT, trace Clay.	ND	Wet	ND	ND	
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH.
Groundwater encountered during soil boring installation at approximately 15 feet.

End of soil boring at 24 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B2-4
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 52-70°F, Clear Logged By: M. Miller, AKRF	Drilling Start Time: 14:30 Date: 05/19/2025	Finish Time: 14:45

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	39	Top 10": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Next 17": Brown SAND, little Silt (FILL).	ND	Dry	ND	ND	B2_0-5 _20250520^
3		Next 7": CONCRETE (FILL).	ND	Dry	ND	ND	
4		Bottom 5": Brown SAND, little Silt (FILL).	ND	Dry	ND	ND	SRI-B2-4_3-5 _20250519*
5							
6	33	Top 8": Brown SAND and CONCRETE (FILL).	ND	Dry	ND	ND	B2_5-10 _20250520^
7		Bottom 25": Brown SAND, some Silt.	ND	Dry	ND	ND	
8							SRI-B2-4_7-9 _20250519*
9							
10							
11	29	Brown SAND, some Silt, trace fine Gravel.	ND	Dry	ND	ND	
12							B2_10-15 _20250520^
13							
14							SRI-B2-4_13-15 _20250519*
15							
16	60	Brown SAND, some Silt, trace fine Gravel.	ND	Moist @15'	ND	ND	
17			ND	Wet @ 17'	ND	ND	
18							B2_15-20 _20250520^
19							
20							

Notes: Soil samples analyzed for:

^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.

*** - SRI Sample: VOCs**

Groundwater encountered during soil boring installation at approximately 17 feet.

End of soil boring at 20 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B3-1
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 50-58°F, Overcast/Rain Logged By: M. Miller, AKRF	Drilling Start Time: 11:30 Finish Time: 12:00 Date: 05/21/2025	

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	46	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 14": Brown SAND, little Silt, trace Brick, Metal, Plastic, fine Gravel (FILL).	ND	Dry	ND	ND	B3_0-5_20250521^
3							
4		Bottom 23": Red-Brown SILTY SAND.	ND	Dry	ND	ND	SRI-B3-1_3-5_20250521*
5							
6	17	Top 9": Red-Brown SILTY SAND.	ND	Dry	ND	ND	B3-1_5-10_20250521^
7		Bottom 18": Brown SAND, trace Silt.	ND	Dry	ND	ND	SRI-B3-1_5-7_20250521*
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 7 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B3-2A
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 10:30	Finish Time: 11:00
	Driller:	Coastal Environmental		
	Weather:	50-58°F, Overcast/Rain	Date: 05/21/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	27	Top 7": CONCRETE (FILL).	ND	Dry	ND	ND	
		Bottom 20": Fine GRAVEL, trace Sand (FILL).	ND	Dry	ND	ND	
2							
3							
4							
5							
6	24	Top 4": Brown SAND, little Silt, trace Brick (FILL).	ND	Dry	ND	ND	
		Bottom 20": Fine GRAVEL, trace Sand (FILL).	ND	Dry	ND	ND	
7							
8							
9							
10							
11	41	Top 5": Light Brown SAND, trace Silt, little Brick (FILL).	ND	Dry	ND	ND	
		Next 13": Fine GRAVEL, little Sand (FILL).	ND	Dry	ND	ND	
12		Next 4": Brown SAND, some Brick, trace Silt (FILL).	ND	Dry	ND	ND	B3_10-15 _20250521^
13		Next 7": CONCRETE (FILL).	ND	Dry	ND	ND	
14		Bottom 12": Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
15							
16	58	Top 29": Fine GRAVEL, some Sand, trace Concrete (SLOUGH).	ND	Dry	ND	ND	B3_15-20 _20250521^
		Bottom 29": Brown SAND, some Silt, trace fine Gravel.	ND	Moist @ 16'	ND	ND	
17							SRI-B3-2A_16-18_20250521*
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.

End of soil boring at 18 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B3-2B
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 50-58°F, Overcast/Rain Logged By: M. Miller, AKRF	Drilling Start Time: 10:00 Date: 05/21/2025	Finish Time: 10:30

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	33	Top 7": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 26": Fine GRAVEL, trace brown Sand, Silt (FILL).	ND	Dry	ND	ND	
3							
4							
5							
6	35	Brown SAND, some Silt, trace fine Gravel (FILL).	ND	Dry	ND	ND	
7							B3_5-10 _20250521^
8							
9							SRI-B3-2B_8-10 _20250521*
10							
11	43	Top 12": Fine GRAVEL and Red-Brown SAND, trace Silt (FILL).	ND	Dry	ND	ND	B3_10-15 _20250521^
12		Bottom 31": Red-Brown SAND, some Silt, trace Brick (FILL).	ND	Moist @12'	ND	ND	
13							SRI-B3-2B_12-14_20250521*
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 14 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B3-2C
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 50-58°F, Overcast/Rain Logged By: M. Miller, AKRF	Drilling Start Time: 14:00 Date: 05/21/2025	Finish Time: 14:30

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	30	Top 11": CONCRETE (FILL).	ND	Dry	ND	ND	B3_0-5_20250521^
2		Bottom 19": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	
3							
4							SRI-B3-2C_3-5_20250521*
5							
6	35	Top 9": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	
7		Middle 9": Brown SAND, some Silt, trace fine Gravel.	ND	Dry	ND	ND	
8		Bottom 17": Brown SAND, some Silt.	ND	Dry	ND	ND	
9							
10							
11	37	Top 8": Brown SAND, little Silt, trace Brick, Concrete (SLOUGH).	ND	Moist @10'	ND	ND	
12		Next 11": Brown SAND, some Silt, trace fine Gravel.	ND	Moist	0.7	ND	
13		Next 13": Gray SAND, some Silt.	Petroleum-like	Moist	2,665	ND	
14							
15		Bottom 5": Red SILT.	Petroleum-like	Moist	35.9	ND	
16	58	Top 1": Red SILT.	ND	Moist	9.3	ND	
		Bottom 57": Light Red SILT.	ND	Moist	5.5	ND	
17							
18							B3_15-20_20250521^
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 20 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B3-3
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 11:00	Finish Time: 11:30
	Driller:	Coastal Environmental		
	Weather:	50-58°F, Overcast/Rain	Date: 05/21/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	20	Top 12": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 3": Fine GRAVEL (FILL).	ND	Dry	ND	ND	
3							
4		Bottom 5": Brown SAND, some fine Gravel, trace Silt (FILL).	ND	Dry	ND	ND	
5							
6	35	Top 3": Brown SAND, some fine Gravel, trace Silt (FILL).	ND	Dry	ND	ND	
7		Middle 9": Fine GRAVEL, little Brick, trace Sand (FILL).	ND	Dry	ND	ND	B3_5-10 _20250521
8		Bottom 23": Brown SILTY SAND, trace fine Gravel.	ND	Dry	0.5	ND	
9							SRI-B3-3_8-10 _20250521*
10							
11	56	Top 9": Fine GRAVEL (SLOUGH).	ND	Dry	ND	ND	
12		Middle 40": Brown SILTY SAND, trace fine Gravel.	ND	Moist @ 11'	ND	ND	B3_10-15 _20250521^
13							
14							SRI-B3-3_13-15 _20250521*
15		Bottom 7": CRUSHED ROCK, some Sand.	ND	Moist	ND	ND	
16	58	Top 12": Fine GRAVEL (SLOUGH).	ND	Dry	ND	ND	
17		Middle 28": Brown SILTY SAND, trace fine Gravel.	ND	Moist	ND	ND	B3_15-20 _20250521^
18							
19		Bottom 18": Gray-Brown SAND, some Silt, trace fine Gravel.	ND	Moist	ND	ND	SRI-B3-3_18-20 _20250521**
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.
End of soil boring at 20 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B3-3B
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 11:00	Finish Time: 11:30
	Driller:	Coastal Environmental		
	Weather:	50-58°F, Overcast/Rain	Date: 05/21/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	38	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 24": Brown SAND, little Silt, trace Brick, Concrete, fine Gravel (FILL).	ND	Dry	ND	ND	B3_0-5 _20250521^
3							
4							SRI-B3-3B_3-5 _20250521*
5		Bottom 5": Brown SAND, some Silt.	ND	Dry	ND	ND	
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 5 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B3-4
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 09:30	Finish Time: 10:00
	Driller:	Coastal Environmental		
	Weather:	50-58°F, Overcast/Rain	Date: 05/21/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	43	Top 10": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 7": Brown SAND, some Brick, trace Silt, Concrete (FILL).	ND	Dry	0.4	ND	B3_0-5_20250521^
3		Bottom 26": Brown SAND, some Silt, trace fine Gravel.	ND	Dry	1.6	ND	
4							SRI-B3-4_3-5_20250521*
5							
6	54	Brown SAND and SILT, trace fine Gravel (FILL).	ND	Dry	0.8	ND	
7							SRI-B3-4_6-8_20250521*
8							
9							B3_5-10_20250521^
10							
11	46	Top 18": Brown SAND, some Silt, trace fine Gravel, Brick, Concrete (FILL).	Petroleum-like	Dry	0.3	ND	
12			Petroleum-like	Dry	12.4	ND	B3_10-15_20250521^
13		Bottom 28": Gray SAND, some Silt, trace fine Gravel.	Petroleum-like	Dry	109.4	ND	
14			Petroleum-like	Dry	940.2	ND	SRI-B3-4_13-15_20250521*
15			Petroleum-like	Dry	1,750	ND	
16	33	Top 7": Gray SAND, little Silt, trace fine Gravel, Brick (SLOUGH).	Petroleum-like	Moist @ 15'	565.2	ND	B3_15-20_20250521^
17		Bottom 26": Gray SAND, some Silt, trace fine Gravel	Petroleum-like	Moist	621.5	ND	SRI-B3-4_16-18_20250521**
18			Petroleum-like	Moist	391.6	ND	
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.
End of soil boring at 18 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B4-1A
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 50-58°F, Overcast/Rain Logged By: M. Miller, AKRF	Drilling Start Time: 13:00 Date: 05/21/2025	Finish Time: 13:30

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	36	Top 28": Fine GRAVEL and Brown SAND (FILL).	ND	Dry	ND	ND	B4_0-5_20250522^
2							
3							
4		Bottom 8": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	Moist @ 4'	ND	ND	SRI-B4-1A_3-5_20250521*
5							
6	29	Top 11": Brown SAND, some Silt, trace Brick, trace fine Gravel (FILL).	ND	Moist	ND	ND	B4_5-10_20250522^
7							
8		Bottom 18": Red-Brown SILTY SAND, trace fine Gravel (FILL).	ND	Moist	ND	ND	
9							SRI-B4-1A_8-10_20250521*
10							
11	39	Top 12": Fine GRAVEL, little Sand (SLOUGH).	ND	Moist	ND	ND	B4_10-15_20250522^
12							
13		Bottom 17": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	Moist	ND	ND	
14							SRI-B4-1A_13-15_20250521*
15			ND	Wet @ 14'	ND	ND	
16	28	Fine GRAVEL, little Sand, trace Brick (FILL).	ND	Wet	ND	ND	
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater encountered during soil boring installation at approximately 14 feet.

End of soil boring at 23 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B4-1A

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	50-58°F, Overcast/Rain
Logged By:	M. Miller, AKRF

Drilling
Start Time: 13:00 **Finish Time:** 13:30
Date: 05/21/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23	24	Fine GRAVEL, trace Sand.	ND	Wet	ND	ND	
24 25							
26 27 28 29 30							
31 32 33 34 35							
36 37 38 39 40							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater encountered during soil boring installation at approximately 14 feet.

End of soil boring at 23 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B4-1B

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	48-52° F , Overcast/Rain
Logged By:	M. Miller, AKRF

Drilling
Start Time: 08:30 **Finish Time:** 09:00
Date: 05/22/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	26	Top 3": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 23": Brown SAND, some fine Gravel, little Silt (FILL).	ND	Dry	2.4	ND	
3							
4							SRI-B4-1B_3-5_20250522*
5							
6	30	Top 9": Gray-Brown SAND, some Brick, trace Silt (FILL).	Petroleum-like	Dry	2.4	ND	
7		Bottom 21": Brown SAND, trace Silt.	Petroleum-like	Dry	12.7	ND	
8							
9							SRI-B4-1B_8-10_20250522*
10							
11	22	Top 9": Red-Brown SAND, little Silt.	ND	Dry	1.3	ND	SRI-B4-1B_10-12_20250522*
12							
13		Middle 4": Gray SAND, some fine Gravel.	ND	Dry	0.7	ND	
14		Bottom 9": Brown SAND, little Silt.	ND	Dry	0.7	ND	
15							
16	15	Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	B4_15-20_20250522^
17							SRI-B4-1B_15-17_20250522**
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
- SRI Sample: VOCs, SVOCs, and TAL Metals
**** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.
End of soil boring at 17 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B4-2A
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 48-52°F, Overcast/Rain Logged By: M. Miller, AKRF	Drilling Start Time: 09:30 Date: 05/22/2025	Finish Time: 10:00

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	35	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 26": Brown SAND, little Silt, trace Brick, Wood, fine Gravel (FILL).	ND	Dry	0.9	ND	B4_0-5_20250522^
3							
4							SRI-B4-2A_3-5_20250522*
5							
6	42	Top 7": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	
7		Bottom 35": Brown SAND, trace Silt, fine Gravel.	ND	Dry	ND	ND	B4_5-10_20250522^
8							
9							SRI-B4-2A_8-10_20250522*
10							
11	17	Brown SAND, trace Silt, fine Gravel.	ND	Dry	ND	ND	B4_10-15_20250522^
12							SRI-B4-2A_11-13_20250522*
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 13 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B4-2B
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 13:15	Finish Time: 13:45
	Driller:	Coastal Environmental		
	Weather:	48-52°F, Overcast/Rain	Date: 05/22/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	32	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 3": Brown SAND, little Silt, trace Glass, Brick (FILL).	ND	Dry	ND	ND	
3		Bottom 20": Brown SAND, trace Silt, fine Gravel (FILL).	ND	Dry	ND	ND	
4							
5							
6	19	Brown SAND, trace Silt, fine Gravel (FILL).	ND	Dry	ND	ND	
7							
8							
9							
10							
11	36	Top 19": Brown SAND, trace Silt, fine Gravel, Brick (FILL).	ND	Dry	ND	ND	
12							
13		Bottom 17": Gray SAND, some Silt.	Petroleum-like	Dry	22.3	ND	
14			Petroleum-like	Dry	52.4	ND	
15			Petroleum-like	Dry	427.2	ND	
16	48	Top 10": Brown SAND, trace Silt, fine Gravel, Brick (SLOUGH).	Petroleum-like	Dry	2.7	ND	
17		Next 25": Gray SAND, some Silt.	Petroleum-like	Moist @16'	506.1	ND	B4_15-20 _20250522^
18							
19		Next 3": CRUSHED ROCK.	Petroleum-like	Moist	194.6	ND	
20		Bottom 10": Gray SAND, some Silt.	Petroleum-like	Moist	1,068	ND	SRI-B4-2B_18-20 _20250522*

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.

End of soil boring at 20 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B4-3
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 10:30	Finish Time: 11:00
	Driller:	Coastal Environmental		
	Weather:	48-52°F, Overcast/Rain	Date: 05/22/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	27	Top 6": CONCRETE (FILL).	ND	Dry	0.3	ND	
2		Bottom 21": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	0.3	ND	B4_0-5 _20250522^
3							
4							SRI-B4-3_3-5 _20250522*
5							
6	37	Brown SAND, little Silt, trace brick, fine Gravel (FILL).	ND	Dry	5.1	ND	
7							B4_5-10 _20250522^
8							
9							SRI-B4-3_8-10 _20250522*
10							
11	43	Top 13": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	Dry	32.8	ND	
12		Middle 17": Black SANDY SILT.	Petroleum-like	Dry	290.5	ND	B4_10-15 _20250522^
13			Petroleum-like	Dry	509.8	ND	
14		Bottom 13": Gray SANDY SILT.	Petroleum-like	Dry	1,192	ND	SRI-B4-3_13-15 _20250522*
15							
16	20	Top 13": Gray SANDY SILT.	Petroleum-like	Dry	278.2	ND	
17			Petroleum-like	Dry	770.5	ND	SRI-B4-3_15-17 _20250522**
18		Bottom 7": Brown SAND, some Silt.	Petroleum-like	Dry	185.8	ND	
19			Petroleum-like	Dry	256.3	ND	B4_15-20 _20250522^
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.
End of soil boring at 19 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B4-4
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 13:15	Finish Time: 13:45
	Driller:	Coastal Environmental		
	Weather:	48-52°F, Overcast/Rain	Date: 05/22/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	41	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 32": Brown SAND, little Silt, Brick, trace Concrete, fine Gravel (FILL).	ND	Dry	ND	ND	B4_0-5_20250522^
3							
4							SRI-B4-4_3-5_20250522*
5							
6	47	Top 9": Brown SAND, little Silt, Brick, trace Concrete, fine Gravel (FILL).	ND	Dry	ND	ND	
7		Middle 26": Brown CLAYEY SILT, some Sand.	ND	Dry	ND	ND	B4_5-10_20250522^
8							
9		Bottom 12": Gray-Brown SANDY SILT, some Clay.	ND	Dry	ND	ND	SRI-B4-4_8-10_20250522*
10							
11	46	Top 5": Brown SAND and BRICK (SLOUGH).	ND	Moist @ 10'	50.9	ND	
12		Middle 15": Brown SILTY SAND.	Petroleum-like	Moist	396.1	ND	B4_10-15_20250522^
13		Bottom 26": Gray SILTY SAND.	Petroleum-like	Moist	892.3	ND	
14			Petroleum-like	Moist	1,274	ND	SRI-B4-4_13-15_20250522*
15							
16	58	Top 9": Gray SILTY SAND.	Petroleum-like	Moist	723.4	ND	SRI-B4-4_15-17_20250522**
17		Bottom 49": Light Red SILT, trace fine Gravel.	ND	Moist	49.6	ND	
18			ND	Moist	13.8	ND	
19			ND	Moist	53.8	ND	B4_15-20_20250522^
20			ND	Moist	8.2	ND	

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.
End of soil boring at 20 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

ATTACHMENT 3
LABORATORY ANALYTICAL REPORTS

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kenneth Wiles
AKRF Inc
440 Park Avenue South
7th Floor
New York, New York 10016

Generated 6/13/2025 8:26:18 AM

JOB DESCRIPTION

350 Grand Concourse, Bronx, NY

JOB NUMBER

460-326580-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

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

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

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
6/13/2025 8:26:18 AM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 10
Client Sample Results 24
Surrogate Summary 205
QC Sample Results 211
QC Association Summary 358
Lab Chronicle 371
Certification Summary 409
Method Summary 410
Sample Summary 411
Chain of Custody 414
Receipt Checklists 427

Definitions/Glossary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	Surrogate is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an estimated value.
N	This flag indicates the presumptive evidence of a compound.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-326580-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt
The samples were received on 5/20/2025 11:59 PM, 5/21/2025 11:10 AM, 5/22/2025 4:00 PM and 5/23/2025 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler received on 5/23/2025 4:00 PM (lab sample IDs beginning with 460-326756) was 4.4°C..

Receipt Exceptions
Receipt temperatures were not recorded on the chain of custody forms for the samples indicated below. Most analytical methods require chilling samples to 4° C. For these methods, the criteria are met if the samples are chilled to below 6° C and above freezing (0°C). Client provided Eurofins all samples on ice and the samples shall be considered acceptable.

Affected samples in job 460-326580:
-samples with lab IDs beginning with 460-326580 (received on 5/20/2025 11:59 PM)
-samples with lab IDs beginning with 460-326644 (received on 5/20/2025 11:59 PM)
-samples with lab IDs beginning with, 460-326694 (received on 5/21/2025 11:10 AM)

Per client request on 5/21, the following sample IDs were corrected: SRI-A3-3 samples should be SRI-A3-4

Due to lab error, the following samples were prepped outside of holding time for VOCs: SRI-A1-3_3-5_20250519 (460-326644-1), SRI-A1-3_7-9_20250519 (460-326644-2), SRI-A1-1_3-5_20250519 (460-326644-5), SRI-A1-1_8-10_20250519 (460-326644-6), SRI-A1-1_13-15_20250519 (460-326644-7), SRI-A1-4_3-5_20250519 (460-326644-10), SRI-A1-4_3-5_20250519 (460-326644-10[MS]) and SRI-A1-4_3-5_20250519 (460-326644-10[MSD]). These samples were canceled by the client since the client recollected these samples.

The Chain-of-Custody (COC) has a disparity between the documented matrix and the matrix received. The following samples are a water, while the COC lists a soil: SRI-FB-3_20250520 (460-326580-4), SRI-TB-3_20250520 (460-326580-25) and SRI-TB-4_20250520 (460-326580-26).

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed:

*Page 4 of the COC was not submitted - the client provided this COC (labeled page 1 of _) on 5/22/25.
*The field and trip blanks on the COC were listed as soils.
*All sample IDs were corrected per client request to include an underscore before the depths instead of a dash.
*Sample SRI-B1-1_3-5" is listed twice with different collection times. The client provided the correct collection times separately.

Several VOA Trip Blanks and Field Blanks were broken and disposed of in the lab: Affected samples are: SRI-FB-1_20250519 (460-326644-29), SRI-FB-2_20250519 (460-326644-30), SRI-TB-1_20250519 (460-326644-31) and SRI-TB-2_20250519 (460-326644-32)

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1039794 recovered above the upper control limit for Acrolein. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1039794 recovered outside control limits for the following analyte: Acrolein. This analyte was biased high in the LCS/LCSD

and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1040671 was outside the method criteria for the following analyte(s): 1,1,2-Trichloro-1,2,2-trifluoroethane, Dichlorodifluoromethane and Trichlorofluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1039309 recovered above the upper control limit for Dichlorodifluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1039309 recovered outside control limits for the following analytes: Acrylonitrile, Chloromethane and Vinyl chloride (biased high) and trans-1,3-Dichloropropene (biased low). These analytes were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1039310 recovered outside control limits for the following analytes: Dichlorodifluoromethane (biased high); 1,2-Dibromo-3-Chloropropane and 1,1,2-Trichloroethane (biased low). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1039310 recovered outside control limits for the following analyte: Dichlorodifluoromethane.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1039355 was outside the method criteria for the following analyte(s): Chloromethane (biased low); 1,1,2-Trichloro-1,2,2-trifluoroethane, Carbon tetrachloride and Trichlorofluoromethane (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The laboratory control sample (LCS) for analytical batch 460-1039355 recovered outside control limits for the following analyte: 1,1,2-Trichloro-1,2,2-trifluoroethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 460-1039604 recovered outside control limits for the following analytes: 1,2,4-Trichlorobenzene and trans-1,3-Dichloropropene. These analytes were biased LCSD in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-analysis. The following CCVIS contained an allowable number of surrogate compounds outside limits: (CCVIS 460-1039694/1). These results have been reported and qualified.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1039694 recovered above the upper control limit for 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1039694 recovered outside control limits for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane and Chloroethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1039469 recovered above the upper control limit for Acrylonitrile. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 460-1039469 recovered outside control limits for the following analyte: Chloromethane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside

acceptance criteria without performing re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: SRI-B3-4_6-8_20250521 (460-326694-10) and SRI-B3-4_16-18_20250521 (460-326694-12). These results have been reported and qualified.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1039609 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 460-1039609 recovered outside control limits for the following analyte: 1,1,2-Trichloro-1,2,2-trifluoroethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1040395 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2,4-Trichlorobenzene, Dichlorodifluoromethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 460-1040395 recovered outside control limits for the following analyte: 1,2,4-Trichlorobenzene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1040663 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2,4-Trichlorobenzene and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1040662 recovered above the upper control limit for Acrylonitrile. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1040662 recovered outside control limits for the following analytes: Methyl acetate and Acrylonitrile. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Surrogate recovery for the following sample was outside control limits: SRI-B2-3_22-24_20250520 (460-326580-16). Evidence of matrix interference is present; therefore, re-analysis was not performed.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1040663 recovered outside control limits for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, Methyl acetate and trans-1,2-Dichloroethene. These analytes were biased high in the LCS/LCSD.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1040884 recovered above the upper control limit for Chloromethane and Acrylonitrile. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1040885 recovered outside control limits for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane and Methyl acetate (biased high) and 1,2-Dibromo-3-Chloropropane (biased low). These analytes were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1040795 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2,4-Trichlorobenzene and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: SRI-B3-1_3-5_20250521 (460-326694-20). These results have been reported and qualified.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1041006 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Job ID: 460-326580-1 (Continued) Eurofins Edison

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1041006 recovered outside control limits for the following analyte: Methyl acetate. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 460-1041007 recovered outside control limits for the following analytes: 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene. These analytes were biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1039554 was outside the method criteria for the following analyte(s): Chloromethane, Methyl acetate and Vinyl chloride (biased low); 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane and Carbon tetrachloride (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The laboratory control sample (LCS) for analytical batch 460-1039554 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane and 2-Butanone (MEK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: SRI-B2-2_8-10_20250520 (460-326580-6) and SRI-B2-1_3-5_20250519 (460-326644-33). These results have been reported and qualified.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1039470 was outside the method criteria for the following analytes: 1,1,2,2-Tetrachloroethane, Chloromethane and Methyl acetate (biased low) and 1,1,2-Trichloro-1,2,2-trifluoroethane, Carbon tetrachloride and Trichlorofluoromethane (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1039470 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethene, Carbon tetrachloride, Dichlorodifluoromethane, Tetrachloroethene, Trichloroethene, Trichlorofluoromethane and trans-1,2-Dichloroethene. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following MSD in analytical batch 460-1041319 was outside acceptance criteria: SRI-A1-1B_3-5_20250522 (460-326756-18[MSD]). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 460-1039663 recovered outside control limits for the following analyte: 1,2,3-Trichlorobenzene. This analyte was biased high in the LCSD and within control limits in LCS, the data have been flagged and reported.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: SRI-B1-4_17-19_20250519 (460-326644-27), SRI-B2-3_13-15_20250519 (460-326644-39) and SRI-B3-4_13-15_20250521 (460-326694-11). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1039921 was outside the method criteria for the following analytes: trans-1,2-Dichloroethene and Trichloroethene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: SRI-B4-4_13-15_20250522 (460-326756-3). Elevated reporting limits (RLs) are provided.

Method 8260D: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1039921 recovered outside control limits for the following analyte: Carbon disulfide. This analyte was biased low in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The following sample was diluted due to the abundance of non-target analytes: SRI-B2-3_17-19_20250519 (460-326644-41). Elevated reporting limits (RLs) are provided.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: SRI-B4-3_13-15_20250522 (460-326756-24) and SRI-B4-3_15-17_20250522 (460-326756-25). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1039833 was outside the method criteria for the following analyte: Dichlorodifluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The laboratory control sample (LCS) for analytical batch 460-1039833 recovered outside control limits for the following analyte: Carbon disulfide. This analyte was biased low in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1041146 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and 1,1-Dichloroethene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: SRI-B4-2B_18-20_20250522 (460-326756-13). Elevated reporting limits (RLs) are provided.

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

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

Detection Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-4_3-5_20250520 — Lab Sample ID: 460-326580-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0091	J	0.0096	0.0091	mg/Kg	1	☼	8260D	Total/NA
TBA	0.023		0.016	0.012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A2-4_8-10_20250520 — Lab Sample ID: 460-326580-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.020		0.0072	0.0069	mg/Kg	1	☼	8260D	Total/NA
TBA	0.058		0.012	0.0094	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A2-4_13-15_20250520 — Lab Sample ID: 460-326580-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.076		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA
TBA	0.17		0.011	0.0085	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-FB-3_20250520 — Lab Sample ID: 460-326580-4

No Detections.

Client Sample ID: SRI-B2-2_3-5_20250520 — Lab Sample ID: 460-326580-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0036	J	0.0053	0.00039	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.016		0.0064	0.0061	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00065	J	0.0011	0.00045	mg/Kg	1	☼	8260D	Total/NA
TBA	0.017		0.011	0.0084	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00058	J *	0.0011	0.00033	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00025	J	0.0011	0.00025	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-2_8-10_20250520 — Lab Sample ID: 460-326580-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m-Xylene & p-Xylene	0.0011		0.0011	0.00047	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.00056	J	0.0011	0.00052	mg/Kg	1	☼	8260D	Total/NA
TBA	0.017		0.011	0.0088	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0018		0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-2_13-15_20250520 — Lab Sample ID: 460-326580-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.019		0.010	0.0098	mg/Kg	1	☼	8260D	Total/NA
TBA	0.058		0.017	0.013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A2-2_3-5_20250520 — Lab Sample ID: 460-326580-8

No Detections.

Client Sample ID: SRI-A2-2_8-10_20250520 — Lab Sample ID: 460-326580-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.21		0.0077	0.0074	mg/Kg	1	☼	8260D	Total/NA
TBA	0.045		0.013	0.010	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-2_13-15_20250520 — Lab Sample ID: 460-326580-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.069		0.0081	0.0077	mg/Kg	1	☼	8260D	Total/NA
TBA	0.030		0.013	0.011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A2-1_3-5_20250520 — Lab Sample ID: 460-326580-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.015		0.0072	0.0069	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00084	J	0.0012	0.00051	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.00067	J	0.0012	0.00056	mg/Kg	1	☼	8260D	Total/NA
TBA	0.012		0.012	0.0094	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A2-1_8-10_20250520 — Lab Sample ID: 460-326580-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.020		0.0075	0.0072	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00064	J	0.0013	0.00053	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-1_13-15_20250520 — Lab Sample ID: 460-326580-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.014		0.0096	0.0091	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0015	J	0.0016	0.00067	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0011	J	0.0016	0.00074	mg/Kg	1	☼	8260D	Total/NA
TBA	0.043		0.016	0.013	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0011	J	0.0016	0.00037	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-X-3_13-15_20250520 — Lab Sample ID: 460-326580-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0099	J	0.010	0.0098	mg/Kg	1	☼	8260D	Total/NA
TBA	0.033		0.017	0.013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-4_22-24_20250520 — Lab Sample ID: 460-326580-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.034		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.00042	J	0.0011	0.00029	mg/Kg	1	☼	8260D	Total/NA
TBA	0.033		0.011	0.0087	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-3_22-24_20250520 — Lab Sample ID: 460-326580-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.013		0.0063	0.00046	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.071		0.0075	0.0072	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.00082	J	0.0013	0.00033	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0034		0.0013	0.00059	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.0047		0.0013	0.00036	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0021		0.0013	0.00053	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.00058	J	0.0013	0.00058	mg/Kg	1	☼	8260D	Total/NA
TBA	0.057		0.013	0.0099	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00093	J	0.0013	0.00029	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-3_3-5_20250520 — Lab Sample ID: 460-326580-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.015		0.011	0.0086	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A2-3_8-10_20250520 — Lab Sample ID: 460-326580-18

No Detections.

Client Sample ID: SRI-A2-3_10-12_20250520 — Lab Sample ID: 460-326580-19

No Detections.

Client Sample ID: SRI-A3-3_3-5_20250520 — Lab Sample ID: 460-326580-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0088		0.0074	0.0070	mg/Kg	1	☼	8260D	Total/NA
TBA	0.036		0.012	0.0096	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-3_5-7_20250520 — Lab Sample ID: 460-326580-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.29		0.0069	0.0065	mg/Kg	1	☼	8260D	Total/NA
TBA	0.22		0.011	0.0090	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-3_13-15_20250520 — Lab Sample ID: 460-326580-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.039		0.0074	0.0071	mg/Kg	1	☼	8260D	Total/NA
TBA	0.12		0.012	0.0097	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-X-4_5-7_20250520 — Lab Sample ID: 460-326580-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.027		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA
TBA	0.067		0.011	0.0087	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-FB-4_20250520 — Lab Sample ID: 460-326580-24

No Detections.

Client Sample ID: SRI-TB-3_20250520 — Lab Sample ID: 460-326580-25

No Detections.

Client Sample ID: SRI-TB-4_20250520 — Lab Sample ID: 460-326580-26

No Detections.

Client Sample ID: SRI-A3-4_3-5_20250520 — Lab Sample ID: 460-326580-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.010		0.0079	0.0075	mg/Kg	1	☼	8260D	Total/NA
TBA	0.035		0.013	0.010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-4_6-8_20250520 — Lab Sample ID: 460-326580-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0079		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA
TBA	0.025		0.0099	0.0078	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A3-4_13-15_20250520 — Lab Sample ID: 460-326580-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.021		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA
TBA	0.071		0.010	0.0081	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-2_3-5_20250520 — Lab Sample ID: 460-326580-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.017		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA
TBA	0.032		0.011	0.0085	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-2_8-10_20250520 — Lab Sample ID: 460-326580-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.018		0.0059	0.0056	mg/Kg	1	☼	8260D	Total/NA
TBA	0.034		0.0099	0.0077	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-2_13-15_20250520 — Lab Sample ID: 460-326580-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.054		0.0075	0.0071	mg/Kg	1	☼	8260D	Total/NA
TBA	0.12		0.012	0.0098	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-1_3-5_20250520 — Lab Sample ID: 460-326580-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.11		0.0068	0.0065	mg/Kg	1	☼	8260D	Total/NA
TBA	0.13		0.011	0.0089	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-1_8-10_20250520 — Lab Sample ID: 460-326580-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.031		0.0093	0.0088	mg/Kg	1	☼	8260D	Total/NA
TBA	0.081		0.015	0.012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-1_13-15_20250520 — Lab Sample ID: 460-326580-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.14		0.0082	0.0078	mg/Kg	1	☼	8260D	Total/NA
TBA	0.16		0.014	0.011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-1_3-5_20250520 — Lab Sample ID: 460-326580-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.031		0.0092	0.0088	mg/Kg	1	☼	8260D	Total/NA
TBA	0.079		0.015	0.012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-1_7-9_20250520 — Lab Sample ID: 460-326580-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.024		0.0075	0.0072	mg/Kg	1	☼	8260D	Total/NA
TBA	0.073		0.013	0.0098	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-2_3-5_20250520 — Lab Sample ID: 460-326580-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012		0.0083	0.0079	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: SRI-A4-2_3-5_20250520 (Continued) — Lab Sample ID: 460-326580-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.050		0.014	0.011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-2_6-8_20250520 — Lab Sample ID: 460-326580-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.035		0.0074	0.0071	mg/Kg	1	☼	8260D	Total/NA
TBA	0.046		0.012	0.0097	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-2_3-5_20250519 — Lab Sample ID: 460-326644-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011		0.0073	0.0069	mg/Kg	1	☼	8260D	Total/NA
TBA	0.041		0.012	0.0095	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-2_8-10_20250519 — Lab Sample ID: 460-326644-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012		0.0069	0.0066	mg/Kg	1	☼	8260D	Total/NA
TBA	0.031		0.012	0.0091	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-2_13-15_20250519 — Lab Sample ID: 460-326644-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.061		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA
TBA	0.026		0.011	0.0085	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-X-1_13-15_20250519 — Lab Sample ID: 460-326644-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0093		0.0056	0.0053	mg/Kg	1	☼	8260D	Total/NA
TBA	0.021		0.0093	0.0073	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-2_3-5_20250519 — Lab Sample ID: 460-326644-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.085		0.0096	0.0091	mg/Kg	1	☼	8260D	Total/NA
TBA	0.21		0.016	0.013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-2_5-7_20250519 — Lab Sample ID: 460-326644-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.045		0.0061	0.0058	mg/Kg	1	☼	8260D	Total/NA
TBA	0.068		0.010	0.0079	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00028	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-2_13-15_20250519 — Lab Sample ID: 460-326644-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA
TBA	0.027		0.011	0.0084	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-2_18-20_20250519 — Lab Sample ID: 460-326644-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.022		0.0068	0.0065	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SRI-B1-2_18-20_20250519 (Continued) — Lab Sample ID: 460-326644-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.0017		0.0011	0.00030	mg/Kg	1	☼	8260D	Total/NA
TBA	0.034		0.011	0.0089	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-X-2_3-5_20250519 — Lab Sample ID: 460-326644-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.015		0.0059	0.0056	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00055	J	0.00098	0.00041	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.00045	J	0.00098	0.00045	mg/Kg	1	☼	8260D	Total/NA
TBA	0.051		0.0098	0.0077	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-1_3-5_20250519 — Lab Sample ID: 460-326644-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.044		0.0067	0.0064	mg/Kg	1	☼	8260D	Total/NA
TBA	0.14		0.011	0.0087	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-3_3-5_20250519 — Lab Sample ID: 460-326644-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.038		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA
TBA	0.11		0.010	0.0081	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-3_5-7_20250519 — Lab Sample ID: 460-326644-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.026		0.0067	0.0064	mg/Kg	1	☼	8260D	Total/NA
TBA	0.070		0.011	0.0087	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-3_13-15_20250519 — Lab Sample ID: 460-326644-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.14		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA
TBA	0.14		0.010	0.0079	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-4_3-5_20250519 — Lab Sample ID: 460-326644-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0082		0.0056	0.0054	mg/Kg	1	☼	8260D	Total/NA
TBA	0.027		0.0094	0.0074	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-4_5-7_20250519 — Lab Sample ID: 460-326644-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0068		0.0048	0.00035	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.082		0.0057	0.0055	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00041	J	0.00096	0.00041	mg/Kg	1	☼	8260D	Total/NA
TBA	0.050		0.0096	0.0075	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00030	J	0.00096	0.00022	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-4_13-15_20250519 — Lab Sample ID: 460-326644-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.013		0.0055	0.00041	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.094		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SRI-B1-4_13-15_20250519 (Continued) — Lab Sample ID: 460-326644-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.0079		0.0011	0.00029	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00058	J	0.0011	0.00047	mg/Kg	1	☼	8260D	Total/NA
TBA	0.089		0.011	0.0087	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-4_17-19_20250519 — Lab Sample ID: 460-326644-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.052	J	0.11	0.033	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	0.33		0.11	0.035	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: SRI-B2-1_3-5_20250519 — Lab Sample ID: 460-326644-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.043		0.0069	0.0066	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00049	J	0.0011	0.00048	mg/Kg	1	☼	8260D	Total/NA
TBA	0.12		0.011	0.0090	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-4_18-20_20250519 — Lab Sample ID: 460-326644-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0080		0.0055	0.0053	mg/Kg	1	☼	8260D	Total/NA
TBA	0.020		0.0092	0.0072	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-1_18-20_20250519 — Lab Sample ID: 460-326644-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.016		0.0083	0.0079	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-1_13-15_20250519 — Lab Sample ID: 460-326644-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA
TBA	0.029		0.010	0.0078	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-1_8-10_20250519 — Lab Sample ID: 460-326644-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.15		0.0059	0.0056	mg/Kg	1	☼	8260D	Total/NA
TBA	0.15		0.0099	0.0077	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-3_3-5_20250519 — Lab Sample ID: 460-326644-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.018		0.0069	0.0065	mg/Kg	1	☼	8260D	Total/NA
TBA	0.047		0.011	0.0090	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-3_13-15_20250519 — Lab Sample ID: 460-326644-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropylbenzene	0.69		0.14	0.045	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: SRI-B2-3_8-10_20250519 — Lab Sample ID: 460-326644-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.21		0.0069	0.0066	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SRI-B2-3_8-10_20250519 (Continued) — Lab Sample ID: 460-326644-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.21		0.012	0.0091	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-3_17-19_20250519 — Lab Sample ID: 460-326644-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl acetate	0.15	J	0.49	0.078	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: SRI-B2-4_3-5_20250519 — Lab Sample ID: 460-326644-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.20		0.0070	0.0066	mg/Kg	1	☼	8260D	Total/NA
TBA	0.045		0.012	0.0091	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-4_7-9_20250519 — Lab Sample ID: 460-326644-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.032		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA
TBA	0.022		0.011	0.0086	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-4_13-15_20250519 — Lab Sample ID: 460-326644-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.16		0.0069	0.0066	mg/Kg	1	☼	8260D	Total/NA
TBA	0.038		0.012	0.0090	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-4_3_5_20250521 — Lab Sample ID: 460-326694-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.012		0.011	0.0089	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-4_6-8_20250521 — Lab Sample ID: 460-326694-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.026		0.012	0.011	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.00058	J	0.0019	0.00051	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00096	J	0.0019	0.00081	mg/Kg	1	☼	8260D	Total/NA
TBA	0.055		0.019	0.015	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00051	J	0.0019	0.00045	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-3_3-5_20250521 — Lab Sample ID: 460-326694-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0076		0.0076	0.0073	mg/Kg	1	☼	8260D	Total/NA
TBA	0.019		0.013	0.0099	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00036	J	0.0013	0.00030	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-3_8-10_20250521 — Lab Sample ID: 460-326694-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.022		0.0078	0.0074	mg/Kg	1	☼	8260D	Total/NA
TBA	0.039		0.013	0.010	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A4-3_10-12_20250521 — Lab Sample ID: 460-326694-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.042		0.0076	0.0072	mg/Kg	1	☼	8260D	Total/NA
TBA	0.018		0.013	0.0099	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-X-5_3-5_20250521 — Lab Sample ID: 460-326694-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.013		0.013	0.010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-FB-5_20250521 — Lab Sample ID: 460-326694-7

No Detections.

Client Sample ID: SRI-FB-6_20250521 — Lab Sample ID: 460-326694-8

No Detections.

Client Sample ID: SRI-B3-4_3-5_20250521 — Lab Sample ID: 460-326694-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.013		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA
TBA	0.047		0.011	0.0086	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-4_6-8_20250521 — Lab Sample ID: 460-326694-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.016		0.012	0.0091	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-4_13-15_20250521 — Lab Sample ID: 460-326694-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.31		0.084	0.025	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	0.55		0.084	0.027	mg/Kg	50	☼	8260D	Total/NA
m-Xylene & p-Xylene	1.3		0.084	0.024	mg/Kg	50	☼	8260D	Total/NA
o-Xylene	0.35		0.084	0.027	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: SRI-B3-4_16-18_20250521 — Lab Sample ID: 460-326694-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0051		0.0048	0.00035	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.022		0.0058	0.0055	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0011		0.00096	0.00026	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.032		0.00096	0.00045	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.054		0.00096	0.00027	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.038		0.00096	0.00048	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.15		0.00096	0.00041	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.048		0.00096	0.00044	mg/Kg	1	☼	8260D	Total/NA
TBA	0.024		0.0096	0.0075	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00034	J	0.00096	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-2B_8-10_20250521 — Lab Sample ID: 460-326694-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.016		0.0061	0.0058	mg/Kg	1	☼	8260D	Total/NA
TBA	0.067		0.010	0.0080	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B3-2B_12-14_20250521 — Lab Sample ID: 460-326694-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.027		0.0064	0.0061	mg/Kg	1	☼	8260D	Total/NA
TBA	0.092		0.011	0.0084	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-2A_16-18_20250521 — Lab Sample ID: 460-326694-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011		0.0077	0.0073	mg/Kg	1	☼	8260D	Total/NA
TBA	0.022		0.013	0.010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-3_8-10_20250521 — Lab Sample ID: 460-326694-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.030		0.0085	0.0081	mg/Kg	1	☼	8260D	Total/NA
TBA	0.088		0.014	0.011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-3_13-15_20250521 — Lab Sample ID: 460-326694-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.019		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA
TBA	0.045		0.010	0.0078	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-3_18-20_20250521 — Lab Sample ID: 460-326694-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.020		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA
TBA	0.053		0.010	0.0078	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-X-6_3-5_20250521 — Lab Sample ID: 460-326694-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.024		0.0083	0.0079	mg/Kg	1	☼	8260D	Total/NA
TBA	0.061		0.014	0.011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-1_3-5_20250521 — Lab Sample ID: 460-326694-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.065		0.014	0.014	mg/Kg	1	☼	8260D	Total/NA
TBA	0.18		0.024	0.019	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-1_5-7_20250521 — Lab Sample ID: 460-326694-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.043		0.0088	0.0084	mg/Kg	1	☼	8260D	Total/NA
TBA	0.12		0.015	0.012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-TB-5_20250521 — Lab Sample ID: 460-326694-22

No Detections.

Client Sample ID: SRI-TB-6_20250521 — Lab Sample ID: 460-326694-23

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B4-1A_3-5_20250521 — Lab Sample ID: 460-326694-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0086		0.0071	0.0068	mg/Kg	1	☼	8260D	Total/NA
TBA	0.024		0.012	0.0093	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-1A_8-10_20250521 — Lab Sample ID: 460-326694-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.020		0.0072	0.0068	mg/Kg	1	☼	8260D	Total/NA
TBA	0.034		0.012	0.0094	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-1A_13-15_20250521 — Lab Sample ID: 460-326694-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.0081	J	0.0098	0.0077	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00025	J	0.00098	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-2C_3-5_20250521 — Lab Sample ID: 460-326694-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0093		0.0070	0.0066	mg/Kg	1	☼	8260D	Total/NA
TBA	0.019		0.012	0.0091	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-3B_3-5_20250521 — Lab Sample ID: 460-326694-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012		0.0069	0.0065	mg/Kg	1	☼	8260D	Total/NA
TBA	0.025		0.011	0.0090	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-4_3-5_20250522 — Lab Sample ID: 460-326756-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0078		0.0067	0.0064	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.00026	J	0.0011	0.00025	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.00091	J	0.0011	0.00056	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0019	J	0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-4_8-10_20250522 — Lab Sample ID: 460-326756-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.046		0.0079	0.0075	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.0011	J	0.0013	0.00065	mg/Kg	1	☼	8260D	Total/NA
TBA	0.023		0.013	0.010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-4_13-15_20250522 — Lab Sample ID: 460-326756-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.067	J	0.18	0.039	mg/Kg	100	☼	8260D	Total/NA
Cyclohexane	2.6		0.18	0.046	mg/Kg	100	☼	8260D	Total/NA
Ethylbenzene	9.8		0.18	0.053	mg/Kg	100	☼	8260D	Total/NA
Isopropylbenzene	3.6		0.18	0.057	mg/Kg	100	☼	8260D	Total/NA
Methylcyclohexane	30		0.18	0.13	mg/Kg	100	☼	8260D	Total/NA
m-Xylene & p-Xylene	25		0.18	0.050	mg/Kg	100	☼	8260D	Total/NA
o-Xylene	0.46		0.18	0.057	mg/Kg	100	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B4-1B_3-5_20250522 — Lab Sample ID: 460-326756-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0089		0.0052	0.0050	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.0049		0.00087	0.00019	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0031		0.00087	0.00041	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.00082	J	0.00087	0.00025	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.024		0.00087	0.00044	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0077		0.00087	0.00037	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.00080	J	0.00087	0.00040	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-1B_8-10_20250522 — Lab Sample ID: 460-326756-5

No Detections.

Client Sample ID: SRI-B4-1B_10-12_20250522 — Lab Sample ID: 460-326756-6

No Detections.

Client Sample ID: SRI-B4-1B_15-17_20250522 — Lab Sample ID: 460-326756-7

No Detections.

Client Sample ID: SRI-B4-2A_3-5_20250522 — Lab Sample ID: 460-326756-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.039		0.0059	0.0056	mg/Kg	1	☼	8260D	Total/NA
TBA	0.013		0.0098	0.0077	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00036	J	0.00098	0.00030	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-2A_8-10_20250522 — Lab Sample ID: 460-326756-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m-Xylene & p-Xylene	0.00051	J	0.0011	0.00048	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-2A_11-13_20250522 — Lab Sample ID: 460-326756-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.039		0.0078	0.0075	mg/Kg	1	☼	8260D	Total/NA
TBA	0.017		0.013	0.010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-TB-7_20250522 — Lab Sample ID: 460-326756-11

No Detections.

Client Sample ID: SRI-FB-7_20250522 — Lab Sample ID: 460-326756-12

No Detections.

Client Sample ID: SRI-B4-2B_18-20_20250522 — Lab Sample ID: 460-326756-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.14		0.11	0.034	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	0.21		0.11	0.037	mg/Kg	50	☼	8260D	Total/NA
Methylcyclohexane	7.0		0.11	0.083	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: SRI-X-7_3-5_20250522 — Lab Sample ID: 460-326756-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.20		0.011	0.010	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: SRI-X-7_3-5_20250522 (Continued) — Lab Sample ID: 460-326756-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.049		0.018	0.014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-3B_3-5_20250522 — Lab Sample ID: 460-326756-15

No Detections.

Client Sample ID: SRI-A1-3B_7-9_20250522 — Lab Sample ID: 460-326756-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.026		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA
TBA	0.0087	J	0.010	0.0081	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-4_15-17_20250522 — Lab Sample ID: 460-326756-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0072		0.0060	0.00044	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.064		0.0072	0.0069	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0041		0.0012	0.00057	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.0016		0.0012	0.00034	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.11		0.0012	0.00060	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0021	J	0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.018		0.0012	0.00051	mg/Kg	1	☼	8260D	Total/NA
TBA	0.018		0.012	0.0095	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-1B_3-5_20250522 — Lab Sample ID: 460-326756-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.027		0.0092	0.0087	mg/Kg	1	☼	8260D	Total/NA
TBA	0.013	J	0.015	0.012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-1B_5-7_20250522 — Lab Sample ID: 460-326756-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.0046		0.0015	0.00052	mg/Kg	1	☼	8260D	Total/NA
1,4-Dichlorobenzene	0.00092	J	0.0015	0.00075	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0079		0.0073	0.00054	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.058		0.0087	0.0083	mg/Kg	1	☼	8260D	Total/NA
Benzene	0.0095		0.0015	0.00082	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.033		0.0015	0.00032	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.081		0.0015	0.00068	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.036		0.0015	0.00041	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.14		0.0015	0.00073	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0049		0.0029	0.0017	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.71		0.0015	0.00062	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.43		0.0015	0.00067	mg/Kg	1	☼	8260D	Total/NA
TBA	0.014	J	0.015	0.011	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.093		0.0015	0.00034	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-1B_13-15_20250522 — Lab Sample ID: 460-326756-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.022		0.0072	0.0068	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A1-4B_3-5_20250522 — Lab Sample ID: 460-326756-21

No Detections.

Client Sample ID: SRI-B4-3_3-5_20250522 — Lab Sample ID: 460-326756-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0031		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00034	J	0.0011	0.00034	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-3_8-10_20250522 — Lab Sample ID: 460-326756-23

No Detections.

Client Sample ID: SRI-B4-3_13-15_20250522 — Lab Sample ID: 460-326756-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.073	J	0.078	0.023	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	2.1		0.078	0.025	mg/Kg	50	☼	8260D	Total/NA
Methylcyclohexane	13		0.078	0.057	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: SRI-B4-3_15-17_20250522 — Lab Sample ID: 460-326756-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.065	J	0.11	0.033	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	0.61		0.11	0.035	mg/Kg	50	☼	8260D	Total/NA
Methylcyclohexane	1.1		0.11	0.080	mg/Kg	50	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A2-4_3-5_20250520
Date Collected: 05/20/25 08:00
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-1
Matrix: Solid
Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U *	0.0016	0.00037	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U *	0.0016	0.00048	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00096	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,1-Dichloroethene	0.0016	U *	0.0016	0.00036	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00073	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00067	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
2-Butanone (MEK)	0.0080	U	0.0080	0.00059	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
2-Hexanone	0.0080	U	0.0080	0.0027	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
4-Methyl-2-pentanone (MIBK)	0.0080	U	0.0080	0.0025	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Acetone	**0.0091**	**J**	0.0096	0.0091	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Acrolein	0.16	U	0.16	0.045	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Acrylonitrile	0.016	U	0.016	0.0077	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Benzene	0.0016	U	0.0016	0.00090	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Bromoform	0.0016	U	0.0016	0.00068	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Bromomethane	0.0032	U	0.0032	0.0016	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Carbon disulfide	0.0016	U	0.0016	0.00042	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Carbon tetrachloride	0.0016	U *	0.0016	0.00062	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Chlorobenzene	0.0016	U	0.0016	0.00081	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Chlorobromomethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Chlorodibromomethane	0.0016	U	0.0016	0.00085	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Chloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Chloromethane	0.0016	U	0.0016	0.00069	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00057	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00043	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Cyclohexane	0.0016	U	0.0016	0.00035	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Dichlorobromomethane	0.0016	U	0.0016	0.00041	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Dichlorodifluoromethane	0.0016	U *	0.0016	0.00054	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Ethylbenzene	0.0016	U	0.0016	0.00074	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Ethylene Dibromide	0.0016	U	0.0016	0.00080	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Isopropylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Methyl acetate	0.0080	U	0.0080	0.0068	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00081	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Methylcyclohexane	0.0016	U	0.0016	0.00079	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Methylene Chloride	0.0032	U	0.0032	0.0018	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00067	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
o-Xylene	0.0016	U	0.0016	0.00073	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Styrene	0.0016	U	0.0016	0.00044	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
TBA	**0.023**		0.016	0.012	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Tetrachloroethene	0.0016	U *	0.0016	0.00049	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Toluene	0.0016	U	0.0016	0.00037	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1

Client Sample ID: SRI-A2-4_3-5_20250520
Lab Sample ID: 460-326580-1

Date Collected: 05/20/25 08:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.0016	U *	0.0016	0.00039	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Trichloroethene	0.0016	U *	0.0016	0.00051	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Trichlorofluoromethane	0.0016	U *	0.0016	0.00065	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Vinyl chloride	0.0016	U	0.0016	0.00087	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:31*	*05/25/25 14:57*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*	*05/21/25 17:31*	*05/25/25 14:57*	*1*
4-Bromofluorobenzene	*124*		*71 - 128*	*05/21/25 17:31*	*05/25/25 14:57*	*1*
Dibromofluoromethane (Surr)	*128*		*50 - 150*	*05/21/25 17:31*	*05/25/25 14:57*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*	*05/21/25 17:31*	*05/25/25 14:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.1**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**94.9**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-4_8-10_20250520
Lab Sample ID: 460-326580-2

Date Collected: 05/20/25 08:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00028	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00036	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,1-Dichloroethene	0.0012	U *	0.0012	0.00027	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Acetone	**0.020**		0.0072	0.0069	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Acrolein	0.12	U	0.12	0.034	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Acrylonitrile	0.012	U	0.012	0.0058	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Carbon tetrachloride	0.0012	U *	0.0012	0.00047	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1

Client Sample ID: SRI-A2-4_8-10_20250520
Lab Sample ID: 460-326580-2
Date Collected: 05/20/25 08:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00041	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
TBA	**0.058**		0.012	0.0094	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Tetrachloroethene	0.0012	U *	0.0012	0.00037	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
trans-1,2-Dichloroethene	0.0012	U *	0.0012	0.00030	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Trichloroethene	0.0012	U *	0.0012	0.00039	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Trichlorofluoromethane	0.0012	U *	0.0012	0.00049	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:32*	*05/25/25 15:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/21/25 17:32*	*05/25/25 15:20*	*1*
4-Bromofluorobenzene	*110*		*71 - 128*	*05/21/25 17:32*	*05/25/25 15:20*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*05/21/25 17:32*	*05/25/25 15:20*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 17:32*	*05/25/25 15:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**95.1**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-4_13-15_20250520
Lab Sample ID: 460-326580-3
Date Collected: 05/20/25 08:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00025	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A2-4_13-15_20250520
Date Collected: 05/20/25 08:10
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-3
Matrix: Solid
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00032	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00024	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Acetone	**0.076**		0.0065	0.0062	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Acrolein	0.11	U	0.11	0.030	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Acrylonitrile	0.011	U	0.011	0.0052	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00042	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00036	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
TBA	**0.17**		0.011	0.0085	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Tetrachloroethene	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1

Client Sample ID: SRI-A2-4_13-15_20250520
Lab Sample ID: 460-326580-3

Date Collected: 05/20/25 08:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Trichloroethene	0.0011	U *	0.0011	0.00035	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00044	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:32*	*05/25/25 15:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/21/25 17:32*	*05/25/25 15:44*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/21/25 17:32*	*05/25/25 15:44*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*05/21/25 17:32*	*05/25/25 15:44*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/21/25 17:32*	*05/25/25 15:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.0**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**97.0**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-FB-3_20250520
Lab Sample ID: 460-326580-4

Date Collected: 05/20/25 07:30
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/25/25 18:52	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/25/25 18:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/25 18:52	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/25/25 18:52	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/25/25 18:52	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/25/25 18:52	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/25/25 18:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/25/25 18:52	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/25/25 18:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/25/25 18:52	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/25/25 18:52	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/25/25 18:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/25/25 18:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/25/25 18:52	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/25/25 18:52	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/25/25 18:52	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/25/25 18:52	1
Acetone	5.0	U	5.0	4.4	ug/L			05/25/25 18:52	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/25/25 18:52	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/25/25 18:52	1
Benzene	0.45	U	0.45	0.070	ug/L			05/25/25 18:52	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/25/25 18:52	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/25/25 18:52	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/25/25 18:52	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/25/25 18:52	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/25/25 18:52	1

Client Sample ID: SRI-FB-3_20250520
Lab Sample ID: 460-326580-4

Date Collected: 05/20/25 07:30
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/25/25 18:52	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/25/25 18:52	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/25 18:52	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/25/25 18:52	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/25/25 18:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/25/25 18:52	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/25/25 18:52	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/25/25 18:52	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/25/25 18:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/25/25 18:52	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/25/25 18:52	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/25/25 18:52	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/25/25 18:52	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/25/25 18:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/25/25 18:52	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/25/25 18:52	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/25/25 18:52	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/25/25 18:52	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/25/25 18:52	1
Styrene	1.0	U	1.0	0.42	ug/L			05/25/25 18:52	1
TBA	10	U	10	8.3	ug/L			05/25/25 18:52	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/25/25 18:52	1
Toluene	1.0	U	1.0	0.38	ug/L			05/25/25 18:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/25/25 18:52	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/25/25 18:52	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/25/25 18:52	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/25/25 18:52	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/25/25 18:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/25/25 18:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*05/25/25 18:52*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*05/25/25 18:52*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*05/25/25 18:52*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/25/25 18:52*	*1*

Client Sample ID: SRI-B2-2_3-5_20250520
Lab Sample ID: 460-326580-5

Date Collected: 05/20/25 08:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00025	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00032	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00024	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-2_3-5_20250520
Lab Sample ID: 460-326580-5
Date Collected: 05/20/25 08:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
2-Butanone (MEK)	**0.0036**	**J**	0.0053	0.00039	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Acetone	**0.016**		0.0064	0.0061	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Acrolein	0.11	U	0.11	0.030	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Acrylonitrile	0.011	U	0.011	0.0052	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00041	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00036	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
m-Xylene & p-Xylene	**0.00065**	**J**	0.0011	0.00045	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
TBA	**0.017**		0.011	0.0084	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Tetrachloroethene	**0.00058**	**J ***	0.0011	0.00033	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Toluene	**0.00025**	**J**	0.0011	0.00025	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Trichloroethene	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00043	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1

Client Sample ID: SRI-B2-2_3-5_20250520
Lab Sample ID: 460-326580-5

Date Collected: 05/20/25 08:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼		N/A	05/21/25 17:33	05/25/25 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		65 - 138	05/21/25 17:33	05/25/25 16:08	1
4-Bromofluorobenzene	121		71 - 128	05/21/25 17:33	05/25/25 16:08	1
Dibromofluoromethane (Surr)	123		50 - 150	05/21/25 17:33	05/25/25 16:08	1
Toluene-d8 (Surr)	99		71 - 126	05/21/25 17:33	05/25/25 16:08	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.3		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	94.7		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-B2-2_8-10_20250520
Lab Sample ID: 460-326580-6

Date Collected: 05/20/25 08:35
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00025	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Acrylonitrile	0.011	U	0.011	0.0055	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00043	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1

Client Sample ID: SRI-B2-2_8-10_20250520
Lab Sample ID: 460-326580-6

Date Collected: 05/20/25 08:35
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00038	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
m-Xylene & p-Xylene	**0.0011**		0.0011	0.00047	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
o-Xylene	**0.00056**	**J**	0.0011	0.00052	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
TBA	**0.017**		0.011	0.0088	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Tetrachloroethene	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Toluene	**0.0018**		0.0011	0.00026	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00028	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Trichloroethene	0.0011	U *	0.0011	0.00036	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00046	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:33*	*05/25/25 16:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*65 - 138*	*05/21/25 17:33*	*05/25/25 16:31*	*1*
4-Bromofluorobenzene	*134*	*	*71 - 128*	*05/21/25 17:33*	*05/25/25 16:31*	*1*
Dibromofluoromethane (Surr)	*138*		*50 - 150*	*05/21/25 17:33*	*05/25/25 16:31*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*05/21/25 17:33*	*05/25/25 16:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.6**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**91.4**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-B2-2_13-15_20250520
Lab Sample ID: 460-326580-7

Date Collected: 05/20/25 08:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U *	0.0017	0.00040	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00090	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U *	0.0017	0.00052	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00039	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0013	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1

Client Sample ID: SRI-B2-2_13-15_20250520
Lab Sample ID: 460-326580-7
Date Collected: 05/20/25 08:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00079	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00051	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00073	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00063	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00089	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
2-Butanone (MEK)	0.0086	U *	0.0086	0.00063	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
2-Hexanone	0.0086	U	0.0086	0.0029	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
4-Methyl-2-pentanone (MIBK)	0.0086	U	0.0086	0.0027	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Acetone	**0.019**		0.010	0.0098	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Acrolein	0.17	U	0.17	0.048	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Acrylonitrile	0.017	U	0.017	0.0083	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Benzene	0.0017	U	0.0017	0.00097	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Bromoform	0.0017	U	0.0017	0.00073	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Bromomethane	0.0034	U	0.0034	0.0017	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Carbon disulfide	0.0017	U	0.0017	0.00046	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Carbon tetrachloride	0.0017	U	0.0017	0.00066	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Chlorobenzene	0.0017	U	0.0017	0.00087	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Chlorodibromomethane	0.0017	U	0.0017	0.00092	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Chloroethane	0.0017	U	0.0017	0.00090	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Chloroform	0.0017	U	0.0017	0.0017	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Chloromethane	0.0017	U	0.0017	0.00075	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00061	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00047	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Cyclohexane	0.0017	U	0.0017	0.00038	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Dichlorobromomethane	0.0017	U	0.0017	0.00044	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Dichlorodifluoromethane	0.0017	U	0.0017	0.00058	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Ethylbenzene	0.0017	U	0.0017	0.00080	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Ethylene Dibromide	0.0017	U	0.0017	0.00086	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Isopropylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Methyl acetate	0.0086	U	0.0086	0.0074	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00088	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Methylcyclohexane	0.0017	U	0.0017	0.00086	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Methylene Chloride	0.0034	U	0.0034	0.0020	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00073	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
o-Xylene	0.0017	U	0.0017	0.00079	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Styrene	0.0017	U	0.0017	0.00048	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
TBA	**0.058**		0.017	0.013	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Tetrachloroethene	0.0017	U	0.0017	0.00052	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Toluene	0.0017	U	0.0017	0.00040	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00042	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00046	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Trichloroethene	0.0017	U	0.0017	0.00055	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00070	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Vinyl chloride	0.0017	U	0.0017	0.00094	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:34*	*05/25/25 20:55*	*1*

Client Sample ID: SRI-B2-2_13-15_20250520
Lab Sample ID: 460-326580-7

Date Collected: 05/20/25 08:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/21/25 17:34*	*05/25/25 20:55*	*1*
4-Bromofluorobenzene	*117*		*71 - 128*	*05/21/25 17:34*	*05/25/25 20:55*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*05/21/25 17:34*	*05/25/25 20:55*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/21/25 17:34*	*05/25/25 20:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.9**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**93.1**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-2_3-5_20250520
Lab Sample ID: 460-326580-8

Date Collected: 05/20/25 09:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U	0.0017	0.00041	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00091	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U	0.0017	0.00053	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0011	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00039	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0013	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00063	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00080	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00063	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00052	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00074	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00064	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00091	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
2-Butanone (MEK)	0.0087	U	0.0087	0.00064	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
2-Hexanone	0.0087	U	0.0087	0.0030	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
4-Methyl-2-pentanone (MIBK)	0.0087	U	0.0087	0.0027	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Acetone	0.010	U	0.010	0.010	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Acrolein	0.17	U	0.17	0.049	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Acrylonitrile	0.017	U	0.017	0.0085	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Benzene	0.0017	U	0.0017	0.00099	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Bromoform	0.0017	U	0.0017	0.00074	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Bromomethane	0.0035	U	0.0035	0.0017	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Carbon disulfide	0.0017	U	0.0017	0.00047	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Carbon tetrachloride	0.0017	U	0.0017	0.00068	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Chlorobenzene	0.0017	U	0.0017	0.00089	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Chlorodibromomethane	0.0017	U	0.0017	0.00094	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Chloroethane	0.0017	U	0.0017	0.00091	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Chloroform	0.0017	U	0.0017	0.0017	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Chloromethane	0.0017	U *	0.0017	0.00076	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00063	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00048	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Cyclohexane	0.0017	U	0.0017	0.00039	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Dichlorobromomethane	0.0017	U	0.0017	0.00045	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-2_3-5_20250520
Lab Sample ID: 460-326580-8
Date Collected: 05/20/25 09:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0017	U	0.0017	0.00059	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Ethylbenzene	0.0017	U	0.0017	0.00082	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Ethylene Dibromide	0.0017	U	0.0017	0.00088	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Isopropylbenzene	0.0017	U	0.0017	0.00050	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Methyl acetate	0.0087	U	0.0087	0.0075	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00090	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Methylcyclohexane	0.0017	U	0.0017	0.00087	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Methylene Chloride	0.0035	U	0.0035	0.0020	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00074	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
o-Xylene	0.0017	U	0.0017	0.00081	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Styrene	0.0017	U	0.0017	0.00049	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
TBA	0.017	U	0.017	0.014	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Tetrachloroethene	0.0017	U	0.0017	0.00053	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Toluene	0.0017	U	0.0017	0.00041	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00043	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00047	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Trichloroethene	0.0017	U	0.0017	0.00056	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00071	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Vinyl chloride	0.0017	U	0.0017	0.00096	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:35*	*05/25/25 14:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/21/25 17:35*	*05/25/25 14:31*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/21/25 17:35*	*05/25/25 14:31*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 17:35*	*05/25/25 14:31*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 17:35*	*05/25/25 14:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.7**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**91.3**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-2_8-10_20250520
Lab Sample ID: 460-326580-9
Date Collected: 05/20/25 09:35
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00095	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1

Client Sample ID: SRI-A2-2_8-10_20250520
Date Collected: 05/20/25 09:35
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-9
Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Acetone	**0.21**		0.0077	0.0074	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Acrolein	0.13	U	0.13	0.036	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Acrylonitrile	0.013	U	0.013	0.0063	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Benzene	0.0013	U	0.0013	0.00073	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Chlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Chlorobromomethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Chlorodibromomethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Chloromethane	0.0013	U *	0.0013	0.00056	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
TBA	**0.045**		0.013	0.010	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0080*	*J*	*mg/Kg*	☼	*12.04*	*N/A*	*05/21/25 17:35*	*05/25/25 14:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/21/25 17:35*	*05/25/25 14:56*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/21/25 17:35*	*05/25/25 14:56*	*1*

Client Sample ID: SRI-A2-2_8-10_20250520
Lab Sample ID: 460-326580-9
Date Collected: 05/20/25 09:35
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.7

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*05/21/25 17:35*	*05/25/25 14:56*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*05/21/25 17:35*	*05/25/25 14:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.3**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**91.7**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-2_13-15_20250520
Lab Sample ID: 460-326580-10
Date Collected: 05/20/25 09:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00081	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00099	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00062	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00057	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
2-Butanone (MEK)	0.0067	U	0.0067	0.00049	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
2-Hexanone	0.0067	U	0.0067	0.0023	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.0021	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Acetone	**0.069**		0.0081	0.0077	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Acrolein	0.13	U	0.13	0.038	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Acrylonitrile	0.013	U	0.013	0.0065	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Benzene	0.0013	U	0.0013	0.00076	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Bromoform	0.0013	U	0.0013	0.00057	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Bromomethane	0.0027	U	0.0027	0.0013	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Carbon disulfide	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Carbon tetrachloride	0.0013	U	0.0013	0.00052	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Chlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Chlorobromomethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Chlorodibromomethane	0.0013	U	0.0013	0.00072	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Chloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Chloromethane	0.0013	U *	0.0013	0.00059	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Cyclohexane	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Dichlorobromomethane	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1

Client Sample ID: SRI-A2-2_13-15_20250520
Lab Sample ID: 460-326580-10

Date Collected: 05/20/25 09:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Ethylene Dibromide	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Methyl acetate	0.0067	U	0.0067	0.0058	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Methylcyclohexane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Methylene Chloride	0.0027	U	0.0027	0.0015	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00057	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
o-Xylene	0.0013	U	0.0013	0.00062	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
TBA	**0.030**		0.013	0.011	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Tetrachloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Trichloroethene	0.0013	U	0.0013	0.00043	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Vinyl chloride	0.0013	U	0.0013	0.00073	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:36*	*05/25/25 15:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*	*05/21/25 17:36*	*05/25/25 15:21*	*1*
4-Bromofluorobenzene	*76*		*71 - 128*	*05/21/25 17:36*	*05/25/25 15:21*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 150*	*05/21/25 17:36*	*05/25/25 15:21*	*1*
Toluene-d8 (Surr)	*85*		*71 - 126*	*05/21/25 17:36*	*05/25/25 15:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**92.2**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-1_3-5_20250520
Lab Sample ID: 460-326580-11

Date Collected: 05/20/25 09:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-1_3-5_20250520
Lab Sample ID: 460-326580-11
Date Collected: 05/20/25 09:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Acetone	**0.015**		0.0072	0.0069	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Acrolein	0.12	U	0.12	0.034	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Acrylonitrile	0.012	U	0.012	0.0059	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Chloromethane	0.0012	U *	0.0012	0.00052	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
m-Xylene & p-Xylene	**0.00084**	**J**	0.0012	0.00051	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
o-Xylene	**0.00067**	**J**	0.0012	0.00056	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
TBA	**0.012**		0.012	0.0094	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:36*	*05/25/25 15:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/21/25 17:36*	*05/25/25 15:46*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*	*05/21/25 17:36*	*05/25/25 15:46*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 17:36*	*05/25/25 15:46*	*1*

Client Sample ID: SRI-A2-1_3-5_20250520
Lab Sample ID: 460-326580-11
Date Collected: 05/20/25 09:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.8

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*71 - 126*	*05/21/25 17:36*	*05/25/25 15:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.2**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**94.8**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-1_8-10_20250520
Lab Sample ID: 460-326580-12
Date Collected: 05/20/25 09:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
2-Hexanone	0.0063	U	0.0063	0.0021	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0019	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Acetone	**0.020**		0.0075	0.0072	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Acrolein	0.13	U	0.13	0.035	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Acrylonitrile	0.013	U	0.013	0.0061	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Chlorodibromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Chloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Chloromethane	0.0013	U *	0.0013	0.00055	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00042	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1

Client Sample ID: SRI-A2-1_8-10_20250520
Lab Sample ID: 460-326580-12
Date Collected: 05/20/25 09:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
m-Xylene & p-Xylene	**0.00064**	**J**	0.0013	0.00053	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
TBA	0.013	U	0.013	0.0098	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Vinyl chloride	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:37*	*05/25/25 16:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/21/25 17:37*	*05/25/25 16:11*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*05/21/25 17:37*	*05/25/25 16:11*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 17:37*	*05/25/25 16:11*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 17:37*	*05/25/25 16:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.4**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**90.6**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A1-1_13-15_20250520
Lab Sample ID: 460-326580-13
Date Collected: 05/20/25 10:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U *	0.0016	0.00037	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U *	0.0016	0.00048	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00096	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00036	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00073	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00067	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1

Client Sample ID: SRI-A1-1_13-15_20250520
Lab Sample ID: 460-326580-13
Date Collected: 05/20/25 10:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
2-Butanone (MEK)	0.0080	U *	0.0080	0.00059	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
2-Hexanone	0.0080	U	0.0080	0.0027	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
4-Methyl-2-pentanone (MIBK)	0.0080	U	0.0080	0.0025	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Acetone	**0.014**		0.0096	0.0091	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Acrolein	0.16	U	0.16	0.045	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Acrylonitrile	0.016	U	0.016	0.0078	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Benzene	0.0016	U	0.0016	0.00090	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Bromoform	0.0016	U	0.0016	0.00068	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Bromomethane	0.0032	U	0.0032	0.0016	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Carbon disulfide	0.0016	U	0.0016	0.00042	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Carbon tetrachloride	0.0016	U	0.0016	0.00062	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Chlorobenzene	0.0016	U	0.0016	0.00081	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Chlorobromomethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Chlorodibromomethane	0.0016	U	0.0016	0.00086	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Chloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Chloromethane	0.0016	U	0.0016	0.00069	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00057	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00044	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Cyclohexane	0.0016	U	0.0016	0.00035	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Dichlorobromomethane	0.0016	U	0.0016	0.00041	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00054	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Ethylbenzene	0.0016	U	0.0016	0.00075	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Ethylene Dibromide	0.0016	U	0.0016	0.00080	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Isopropylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Methyl acetate	0.0080	U	0.0080	0.0069	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00082	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Methylcyclohexane	0.0016	U	0.0016	0.00080	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Methylene Chloride	0.0032	U	0.0032	0.0018	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
m-Xylene & p-Xylene	**0.0015**	**J**	0.0016	0.00067	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
o-Xylene	**0.0011**	**J**	0.0016	0.00074	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Styrene	0.0016	U	0.0016	0.00044	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
TBA	**0.043**		0.016	0.013	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Tetrachloroethene	0.0016	U	0.0016	0.00049	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Toluene	**0.0011**	**J**	0.0016	0.00037	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00039	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Trichloroethene	0.0016	U	0.0016	0.00051	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00065	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Vinyl chloride	0.0016	U	0.0016	0.00087	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:37*	*05/25/25 21:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/21/25 17:37*	*05/25/25 21:18*	*1*
4-Bromofluorobenzene	*112*		*71 - 128*	*05/21/25 17:37*	*05/25/25 21:18*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 17:37*	*05/25/25 21:18*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/21/25 17:37*	*05/25/25 21:18*	*1*

Client Sample ID: SRI-A1-1_13-15_20250520
Lab Sample ID: 460-326580-13

Date Collected: 05/20/25 10:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.5		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	92.5		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-X-3_13-15_20250520
Lab Sample ID: 460-326580-14

Date Collected: 05/20/25 10:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U *	0.0017	0.00040	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00089	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U *	0.0017	0.00051	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00038	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0013	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00079	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00051	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00072	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00089	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
2-Butanone (MEK)	0.0085	U *	0.0085	0.00063	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
2-Hexanone	0.0085	U	0.0085	0.0029	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
4-Methyl-2-pentanone (MIBK)	0.0085	U	0.0085	0.0027	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Acetone	0.0099	J	0.010	0.0098	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Acrolein	0.17	U	0.17	0.048	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Acrylonitrile	0.017	U	0.017	0.0083	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Benzene	0.0017	U	0.0017	0.00097	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Bromoform	0.0017	U	0.0017	0.00073	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Bromomethane	0.0034	U	0.0034	0.0017	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Carbon disulfide	0.0017	U	0.0017	0.00045	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Carbon tetrachloride	0.0017	U	0.0017	0.00066	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Chlorobenzene	0.0017	U	0.0017	0.00087	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Chlorodibromomethane	0.0017	U	0.0017	0.00092	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Chloroethane	0.0017	U	0.0017	0.00089	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Chloroform	0.0017	U	0.0017	0.0017	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Chloromethane	0.0017	U	0.0017	0.00074	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00061	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00047	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Cyclohexane	0.0017	U	0.0017	0.00038	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Dichlorobromomethane	0.0017	U	0.0017	0.00044	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Dichlorodifluoromethane	0.0017	U	0.0017	0.00058	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Ethylbenzene	0.0017	U	0.0017	0.00080	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Ethylene Dibromide	0.0017	U	0.0017	0.00086	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Isopropylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Methyl acetate	0.0085	U	0.0085	0.0073	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00087	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1

Client Sample ID: SRI-X-3_13-15_20250520
Lab Sample ID: 460-326580-14
Date Collected: 05/20/25 10:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0017	U	0.0017	0.00085	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Methylene Chloride	0.0034	U	0.0034	0.0020	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00072	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
o-Xylene	0.0017	U	0.0017	0.00079	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Styrene	0.0017	U	0.0017	0.00047	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
TBA	**0.033**		0.017	0.013	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Tetrachloroethene	0.0017	U	0.0017	0.00052	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Toluene	0.0017	U	0.0017	0.00040	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00042	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00045	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Trichloroethene	0.0017	U	0.0017	0.00055	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00069	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Vinyl chloride	0.0017	U	0.0017	0.00093	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:38*	*05/25/25 21:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*05/21/25 17:38*	*05/25/25 21:42*	*1*
4-Bromofluorobenzene	*113*		*71 - 128*	*05/21/25 17:38*	*05/25/25 21:42*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 17:38*	*05/25/25 21:42*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 17:38*	*05/25/25 21:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-B1-4_22-24_20250520
Lab Sample ID: 460-326580-15
Date Collected: 05/20/25 10:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
2-Butanone (MEK)	0.0055	U *	0.0055	0.00041	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-4_22-24_20250520
Lab Sample ID: 460-326580-15
Date Collected: 05/20/25 10:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.034**		0.0066	0.0063	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Acrylonitrile	0.011	U	0.011	0.0054	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Carbon disulfide	**0.00042**	**J**	0.0011	0.00029	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
TBA	**0.033**		0.011	0.0087	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:39*	*05/25/25 22:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*05/21/25 17:39*	*05/25/25 22:05*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/21/25 17:39*	*05/25/25 22:05*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*05/21/25 17:39*	*05/25/25 22:05*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/21/25 17:39*	*05/25/25 22:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.6**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-B1-4_22-24_20250520
Lab Sample ID: 460-326580-15
Date Collected: 05/20/25 10:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 85.4

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	85.4		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-B2-3_22-24_20250520
Lab Sample ID: 460-326580-16
Date Collected: 05/20/25 10:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0013	0.00038	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
2-Butanone (MEK)	0.013		0.0063	0.00046	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Acetone	0.071		0.0075	0.0072	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Acrolein	0.13	U	0.13	0.035	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Acrylonitrile	0.013	U	0.013	0.0061	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Carbon disulfide	0.00082	J	0.0013	0.00033	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Chlorodibromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00042	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Ethylbenzene	0.0034		0.0013	0.00059	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Isopropylbenzene	0.0047		0.0013	0.00036	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1

Client Sample ID: SRI-B2-3_22-24_20250520
Lab Sample ID: 460-326580-16

Date Collected: 05/20/25 10:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
m-Xylene & p-Xylene	**0.0021**		0.0013	0.00053	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
o-Xylene	**0.00058**	**J**	0.0013	0.00058	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
TBA	**0.057**		0.013	0.0099	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Toluene	**0.00093**	**J**	0.0013	0.00029	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Pentane, 2,4-dimethyl-	*3.1*	*J N*	*mg/Kg*	☼	*3.79*	*108-08-7*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Hexane, 2,5-dimethyl-	*1.7*	*J N*	*mg/Kg*	☼	*5.67*	*592-13-2*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Hexane, 2,4-dimethyl-	*1.9*	*J N*	*mg/Kg*	☼	*5.73*	*589-43-5*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Unknown	*1.2*	*J*	*mg/Kg*	☼	*5.83*	*N/A*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Unknown	*9.0*	*J*	*mg/Kg*	☼	*6.18*	*N/A*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Unknown	*11*	*J*	*mg/Kg*	☼	*6.33*	*N/A*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Unknown	*4.2*	*J*	*mg/Kg*	☼	*6.79*	*N/A*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Hexane, 2,3,5-trimethyl-	*0.92*	*J N*	*mg/Kg*	☼	*7.55*	*1069-53-0*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Unknown	*0.75*	*J*	*mg/Kg*	☼	*8.71*	*N/A*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Unknown	*2.0*	*J*	*mg/Kg*	☼	*9.90*	*N/A*	*05/21/25 17:39*	*05/30/25 15:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*153*	*	*65 - 138*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
4-Bromofluorobenzene	*121*		*71 - 128*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*	*05/21/25 17:39*	*05/30/25 15:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**18.6**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**81.4**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-3_3-5_20250520
Lab Sample ID: 460-326580-17

Date Collected: 05/20/25 11:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,1-Dichloroethane	0.0011	U *	0.0011	0.00066	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1

Client Sample ID: SRI-A2-3_3-5_20250520
Lab Sample ID: 460-326580-17
Date Collected: 05/20/25 11:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Acrylonitrile	0.011	U	0.011	0.0053	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Methyl acetate	0.0055	U *	0.0055	0.0047	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
TBA	**0.015**		0.011	0.0086	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:40*	*05/31/25 09:50*	*1*

Client Sample ID: SRI-A2-3_3-5_20250520
Lab Sample ID: 460-326580-17

Date Collected: 05/20/25 11:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 90.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/21/25 17:40*	*05/31/25 09:50*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/21/25 17:40*	*05/31/25 09:50*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 17:40*	*05/31/25 09:50*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/21/25 17:40*	*05/31/25 09:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.7**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**90.3**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-3_8-10_20250520
Lab Sample ID: 460-326580-18

Date Collected: 05/20/25 11:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00023	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00030	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
2-Butanone (MEK)	0.0050	U *	0.0050	0.00037	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Acetone	0.0060	U	0.0060	0.0058	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Acrolein	0.10	U	0.10	0.028	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1

Client Sample ID: SRI-A2-3_8-10_20250520
Lab Sample ID: 460-326580-18
Date Collected: 05/20/25 11:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
TBA	0.010	U	0.010	0.0079	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:34*	*05/25/25 22:29*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*05/21/25 18:34*	*05/25/25 22:29*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*05/21/25 18:34*	*05/25/25 22:29*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*05/21/25 18:34*	*05/25/25 22:29*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/21/25 18:34*	*05/25/25 22:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.5**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**89.5**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-3_10-12_20250520
Lab Sample ID: 460-326580-19
Date Collected: 05/20/25 11:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U *	0.0018	0.00043	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00096	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U *	0.0018	0.00055	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00041	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0014	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00066	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00084	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00066	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00054	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-3_10-12_20250520
Lab Sample ID: 460-326580-19
Date Collected: 05/20/25 11:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0018	U	0.0018	0.00078	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00067	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00095	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
2-Butanone (MEK)	0.0092	U *	0.0092	0.00067	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
2-Hexanone	0.0092	U	0.0092	0.0031	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
4-Methyl-2-pentanone (MIBK)	0.0092	U	0.0092	0.0029	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Acetone	0.011	U	0.011	0.010	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Acrolein	0.18	U	0.18	0.051	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Acrylonitrile	0.018	U	0.018	0.0089	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Bromoform	0.0018	U	0.0018	0.00078	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Bromomethane	0.0037	U	0.0037	0.0018	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Carbon disulfide	0.0018	U	0.0018	0.00049	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Carbon tetrachloride	0.0018	U	0.0018	0.00071	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Chlorobenzene	0.0018	U	0.0018	0.00093	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Chlorodibromomethane	0.0018	U	0.0018	0.00098	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Chloroethane	0.0018	U	0.0018	0.00096	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Chloroform	0.0018	U	0.0018	0.0018	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Chloromethane	0.0018	U	0.0018	0.00080	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00066	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00050	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Cyclohexane	0.0018	U	0.0018	0.00041	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Dichlorobromomethane	0.0018	U	0.0018	0.00047	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Dichlorodifluoromethane	0.0018	U	0.0018	0.00062	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Ethylbenzene	0.0018	U	0.0018	0.00086	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Ethylene Dibromide	0.0018	U	0.0018	0.00092	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Isopropylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Methyl acetate	0.0092	U	0.0092	0.0079	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00094	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Methylcyclohexane	0.0018	U	0.0018	0.00091	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Methylene Chloride	0.0037	U	0.0037	0.0021	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00078	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
o-Xylene	0.0018	U	0.0018	0.00085	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Styrene	0.0018	U	0.0018	0.00051	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
TBA	0.018	U	0.018	0.014	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Tetrachloroethene	0.0018	U	0.0018	0.00056	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Toluene	0.0018	U	0.0018	0.00043	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00045	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00049	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Trichloroethene	0.0018	U	0.0018	0.00059	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00074	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Vinyl chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.010*	*J*	*mg/Kg*	☼	*5.48*	*N/A*	*05/21/25 18:34*	*05/25/25 22:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*05/21/25 18:34*	*05/25/25 22:53*	*1*
4-Bromofluorobenzene	*125*		*71 - 128*	*05/21/25 18:34*	*05/25/25 22:53*	*1*

Client Sample ID: SRI-A2-3_10-12_20250520
Lab Sample ID: 460-326580-19

Date Collected: 05/20/25 11:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*125*		*50 - 150*	*05/21/25 18:34*	*05/25/25 22:53*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*	*05/21/25 18:34*	*05/25/25 22:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.3**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**94.7**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-3_3-5_20250520
Lab Sample ID: 460-326580-20

Date Collected: 05/20/25 12:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00029	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00037	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
2-Butanone (MEK)	0.0062	U *	0.0062	0.00045	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Acetone	**0.0088**		0.0074	0.0070	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Acrolein	0.12	U	0.12	0.034	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Acrylonitrile	0.012	U	0.012	0.0060	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1

Client Sample ID: SRI-A3-3_3-5_20250520
Lab Sample ID: 460-326580-20
Date Collected: 05/20/25 12:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
TBA	**0.036**		0.012	0.0096	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:33*	*05/25/25 23:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/21/25 18:33*	*05/25/25 23:16*	*1*
4-Bromofluorobenzene	*113*		*71 - 128*	*05/21/25 18:33*	*05/25/25 23:16*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*05/21/25 18:33*	*05/25/25 23:16*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 18:33*	*05/25/25 23:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.9**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**96.1**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-3_5-7_20250520
Lab Sample ID: 460-326580-21
Date Collected: 05/20/25 12:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1

Client Sample ID: SRI-A3-3_5-7_20250520
Date Collected: 05/20/25 12:45
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-21
Matrix: Solid
Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
2-Butanone (MEK)	0.0057	U *	0.0057	0.00042	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Acetone	**0.29**		0.0069	0.0065	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Acrylonitrile	0.011	U	0.011	0.0056	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
TBA	**0.22**		0.011	0.0090	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:35*	*05/25/25 23:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/21/25 18:35*	*05/25/25 23:40*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*05/21/25 18:35*	*05/25/25 23:40*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*05/21/25 18:35*	*05/25/25 23:40*	*1*

Client Sample ID: SRI-A3-3_5-7_20250520
Lab Sample ID: 460-326580-21
Date Collected: 05/20/25 12:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 88.4

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*71 - 126*	*05/21/25 18:35*	*05/25/25 23:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.6**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**88.4**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-3_13-15_20250520
Lab Sample ID: 460-326580-22
Date Collected: 05/20/25 12:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00029	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00037	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
2-Butanone (MEK)	0.0062	U *	0.0062	0.00045	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Acetone	**0.039**		0.0074	0.0071	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Acrolein	0.12	U	0.12	0.035	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Acrylonitrile	0.012	U	0.012	0.0060	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1

Client Sample ID: SRI-A3-3_13-15_20250520
Lab Sample ID: 460-326580-22

Date Collected: 05/20/25 12:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
TBA	**0.12**		0.012	0.0097	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:35*	*05/26/25 00:04*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/21/25 18:35*	*05/26/25 00:04*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*05/21/25 18:35*	*05/26/25 00:04*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*05/21/25 18:35*	*05/26/25 00:04*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*05/21/25 18:35*	*05/26/25 00:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.2**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**94.8**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-X-4_5-7_20250520
Lab Sample ID: 460-326580-23

Date Collected: 05/20/25 12:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-X-4_5-7_20250520
Date Collected: 05/20/25 12:55
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-23
Matrix: Solid
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
2-Butanone (MEK)	0.0055	U *	0.0055	0.00041	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Acetone	**0.027**		0.0066	0.0063	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Acrylonitrile	0.011	U	0.011	0.0054	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
TBA	**0.067**		0.011	0.0087	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:36*	*05/26/25 00:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*05/21/25 18:36*	*05/26/25 00:27*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/21/25 18:36*	*05/26/25 00:27*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*05/21/25 18:36*	*05/26/25 00:27*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 18:36*	*05/26/25 00:27*	*1*

Client Sample ID: SRI-X-4_5-7_20250520
Lab Sample ID: 460-326580-23

Date Collected: 05/20/25 12:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.6

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.4		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	96.6		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-FB-4_20250520
Lab Sample ID: 460-326580-24

Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/25/25 19:12	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/25/25 19:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/25 19:12	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/25/25 19:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/25/25 19:12	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/25/25 19:12	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/25/25 19:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/25/25 19:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/25/25 19:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/25/25 19:12	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/25/25 19:12	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/25/25 19:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/25/25 19:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/25/25 19:12	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/25/25 19:12	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/25/25 19:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/25/25 19:12	1
Acetone	5.0	U	5.0	4.4	ug/L			05/25/25 19:12	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/25/25 19:12	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/25/25 19:12	1
Benzene	0.45	U	0.45	0.070	ug/L			05/25/25 19:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/25/25 19:12	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/25/25 19:12	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/25/25 19:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/25/25 19:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/25/25 19:12	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/25/25 19:12	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/25/25 19:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/25 19:12	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/25/25 19:12	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/25/25 19:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/25/25 19:12	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/25/25 19:12	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/25/25 19:12	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/25/25 19:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/25/25 19:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/25/25 19:12	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/25/25 19:12	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/25/25 19:12	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/25/25 19:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/25/25 19:12	1

Client Sample ID: SRI-FB-4_20250520
Lab Sample ID: 460-326580-24

Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/25/25 19:12	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/25/25 19:12	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/25/25 19:12	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/25/25 19:12	1
Styrene	1.0	U	1.0	0.42	ug/L			05/25/25 19:12	1
TBA	10	U	10	8.3	ug/L			05/25/25 19:12	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/25/25 19:12	1
Toluene	1.0	U	1.0	0.38	ug/L			05/25/25 19:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/25/25 19:12	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/25/25 19:12	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/25/25 19:12	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/25/25 19:12	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/25/25 19:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/25/25 19:12*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 128*		*05/25/25 19:12*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*05/25/25 19:12*	*1*
Dibromofluoromethane (Surr)	*108*		*77 - 132*		*05/25/25 19:12*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/25/25 19:12*	*1*

Client Sample ID: SRI-TB-3_20250520
Lab Sample ID: 460-326580-25

Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/25/25 19:32	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/25/25 19:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/25 19:32	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/25/25 19:32	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/25/25 19:32	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/25/25 19:32	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/25/25 19:32	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/25/25 19:32	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/25/25 19:32	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/25/25 19:32	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/25/25 19:32	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/25/25 19:32	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/25/25 19:32	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/25/25 19:32	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/25/25 19:32	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/25/25 19:32	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/25/25 19:32	1
Acetone	5.0	U	5.0	4.4	ug/L			05/25/25 19:32	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/25/25 19:32	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/25/25 19:32	1
Benzene	0.45	U	0.45	0.070	ug/L			05/25/25 19:32	1

Client Sample ID: SRI-TB-3_20250520
Lab Sample ID: 460-326580-25
Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	1.0	U	1.0	0.54	ug/L			05/25/25 19:32	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/25/25 19:32	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/25/25 19:32	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/25/25 19:32	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/25/25 19:32	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/25/25 19:32	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/25/25 19:32	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/25 19:32	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/25/25 19:32	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/25/25 19:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/25/25 19:32	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/25/25 19:32	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/25/25 19:32	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/25/25 19:32	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/25/25 19:32	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/25/25 19:32	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/25/25 19:32	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/25/25 19:32	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/25/25 19:32	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/25/25 19:32	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/25/25 19:32	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/25/25 19:32	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/25/25 19:32	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/25/25 19:32	1
Styrene	1.0	U	1.0	0.42	ug/L			05/25/25 19:32	1
TBA	10	U	10	8.3	ug/L			05/25/25 19:32	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/25/25 19:32	1
Toluene	1.0	U	1.0	0.38	ug/L			05/25/25 19:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/25/25 19:32	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/25/25 19:32	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/25/25 19:32	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/25/25 19:32	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/25/25 19:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/25/25 19:32*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 128*		*05/25/25 19:32*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*05/25/25 19:32*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*05/25/25 19:32*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/25/25 19:32*	*1*

Client Sample ID: SRI-TB-4_20250520
Lab Sample ID: 460-326580-26
Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/25/25 19:52	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-TB-4_20250520
Lab Sample ID: 460-326580-26
Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/25/25 19:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/25 19:52	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/25/25 19:52	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/25/25 19:52	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/25/25 19:52	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/25/25 19:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/25/25 19:52	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/25/25 19:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/25/25 19:52	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/25/25 19:52	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/25/25 19:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/25/25 19:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/25/25 19:52	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/25/25 19:52	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/25/25 19:52	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/25/25 19:52	1
Acetone	5.0	U	5.0	4.4	ug/L			05/25/25 19:52	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/25/25 19:52	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/25/25 19:52	1
Benzene	0.45	U	0.45	0.070	ug/L			05/25/25 19:52	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/25/25 19:52	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/25/25 19:52	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/25/25 19:52	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/25/25 19:52	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/25/25 19:52	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/25/25 19:52	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/25/25 19:52	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/25 19:52	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/25/25 19:52	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/25/25 19:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/25/25 19:52	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/25/25 19:52	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/25/25 19:52	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/25/25 19:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/25/25 19:52	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/25/25 19:52	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/25/25 19:52	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/25/25 19:52	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/25/25 19:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/25/25 19:52	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/25/25 19:52	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/25/25 19:52	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/25/25 19:52	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/25/25 19:52	1
Styrene	1.0	U	1.0	0.42	ug/L			05/25/25 19:52	1
TBA	10	U	10	8.3	ug/L			05/25/25 19:52	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/25/25 19:52	1
Toluene	1.0	U	1.0	0.38	ug/L			05/25/25 19:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/25/25 19:52	1

Client Sample ID: SRI-TB-4_20250520
Lab Sample ID: 460-326580-26

Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/25/25 19:52	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/25/25 19:52	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/25/25 19:52	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/25/25 19:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/25/25 19:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*		*05/25/25 19:52*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*05/25/25 19:52*	*1*
Dibromofluoromethane (Surr)	*105*		*77 - 132*		*05/25/25 19:52*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/25/25 19:52*	*1*

Client Sample ID: SRI-A3-4_3-5_20250520
Lab Sample ID: 460-326580-27

Date Collected: 05/20/25 13:20
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U *	0.0013	0.00031	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0013	0.00039	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00097	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
2-Butanone (MEK)	0.0066	U *	0.0066	0.00048	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
2-Hexanone	0.0066	U	0.0066	0.0022	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
4-Methyl-2-pentanone (MIBK)	0.0066	U	0.0066	0.0020	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Acetone	**0.010**		0.0079	0.0075	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Acrolein	0.13	U	0.13	0.037	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Acrylonitrile	0.013	U	0.013	0.0064	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Bromoform	0.0013	U	0.0013	0.00056	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Carbon tetrachloride	0.0013	U	0.0013	0.00051	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Chlorobromomethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1

Client Sample ID: SRI-A3-4_3-5_20250520
Lab Sample ID: 460-326580-27

Date Collected: 05/20/25 13:20
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0013	U	0.0013	0.00057	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Ethylene Dibromide	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Methyl acetate	0.0066	U	0.0066	0.0056	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
TBA	**0.035**		0.013	0.010	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Vinyl chloride	0.0013	U	0.0013	0.00072	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:36*	*05/26/25 00:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*05/21/25 18:36*	*05/26/25 00:51*	*1*
4-Bromofluorobenzene	*119*		*71 - 128*	*05/21/25 18:36*	*05/26/25 00:51*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*05/21/25 18:36*	*05/26/25 00:51*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*	*05/21/25 18:36*	*05/26/25 00:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.6**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**94.4**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-4_6-8_20250520
Lab Sample ID: 460-326580-28

Date Collected: 05/20/25 13:25
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U *	0.00099	0.00023	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U *	0.00099	0.00030	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00060	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1

Client Sample ID: SRI-A3-4_6-8_20250520
Date Collected: 05/20/25 13:25
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-28
Matrix: Solid
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
2-Butanone (MEK)	0.0050	U *	0.0050	0.00036	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Acetone	**0.0079**		0.0060	0.0057	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Acrolein	0.099	U	0.099	0.028	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Acrylonitrile	0.0099	U	0.0099	0.0048	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00034	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
TBA	**0.025**		0.0099	0.0078	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1

Client Sample ID: SRI-A3-4_6-8_20250520
Lab Sample ID: 460-326580-28
Date Collected: 05/20/25 13:25
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.3

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼		N/A	05/21/25 18:37	05/26/25 01:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		65 - 138	05/21/25 18:37	05/26/25 01:15	1
4-Bromofluorobenzene	119		71 - 128	05/21/25 18:37	05/26/25 01:15	1
Dibromofluoromethane (Surr)	129		50 - 150	05/21/25 18:37	05/26/25 01:15	1
Toluene-d8 (Surr)	103		71 - 126	05/21/25 18:37	05/26/25 01:15	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.7**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**92.3**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-4_13-15_20250520
Lab Sample ID: 460-326580-29
Date Collected: 05/20/25 13:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Acetone	**0.021**		0.0062	0.0059	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Acrolein	0.10	U	0.10	0.029	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Acrylonitrile	0.010	U	0.010	0.0050	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1

Client Sample ID: SRI-A3-4_13-15_20250520
Lab Sample ID: 460-326580-29

Date Collected: 05/20/25 13:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Methyl acetate	0.0052	U *	0.0052	0.0045	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
TBA	**0.071**		0.010	0.0081	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 19:13*	*06/02/25 19:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 138*	*05/21/25 19:13*	*06/02/25 19:58*	*1*
4-Bromofluorobenzene	*124*		*71 - 128*	*05/21/25 19:13*	*06/02/25 19:58*	*1*
Dibromofluoromethane (Surr)	*125*		*50 - 150*	*05/21/25 19:13*	*06/02/25 19:58*	*1*
Toluene-d8 (Surr)	*111*		*71 - 126*	*05/21/25 19:13*	*06/02/25 19:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.5**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**93.5**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-2_3-5_20250520
Lab Sample ID: 460-326580-30

Date Collected: 05/20/25 13:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00025	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1

Client Sample ID: SRI-A3-2_3-5_20250520
Date Collected: 05/20/25 13:40
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-30
Matrix: Solid
Percent Solids: 96.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
2-Butanone (MEK)	0.0054	U *	0.0054	0.00040	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Acetone	**0.017**		0.0065	0.0062	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Acrolein	0.11	U	0.11	0.030	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Acrylonitrile	0.011	U	0.011	0.0053	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
TBA	**0.032**		0.011	0.0085	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:38*	*05/26/25 02:02*	*1*

Client Sample ID: SRI-A3-2_3-5_20250520
Lab Sample ID: 460-326580-30

Date Collected: 05/20/25 13:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/21/25 18:38*	*05/26/25 02:02*	*1*
4-Bromofluorobenzene	*112*		*71 - 128*	*05/21/25 18:38*	*05/26/25 02:02*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*05/21/25 18:38*	*05/26/25 02:02*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/21/25 18:38*	*05/26/25 02:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.2**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**96.8**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-2_8-10_20250520
Lab Sample ID: 460-326580-31

Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U *	0.00099	0.00023	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U *	0.00099	0.00030	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00045	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
2-Butanone (MEK)	0.0049	U *	0.0049	0.00036	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Acetone	**0.018**		0.0059	0.0056	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Acrolein	0.099	U	0.099	0.028	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Acrylonitrile	0.0099	U	0.0099	0.0048	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1

Client Sample ID: SRI-A3-2_8-10_20250520
Lab Sample ID: 460-326580-31
Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00099	U	0.00099	0.00033	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Styrene	0.00099	U	0.00099	0.00027	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
TBA	**0.034**		0.0099	0.0077	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:39*	*05/26/25 02:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*05/21/25 18:39*	*05/26/25 02:26*	*1*
4-Bromofluorobenzene	*119*		*71 - 128*	*05/21/25 18:39*	*05/26/25 02:26*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*05/21/25 18:39*	*05/26/25 02:26*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*05/21/25 18:39*	*05/26/25 02:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.6**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**92.4**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-2_13-15_20250520
Lab Sample ID: 460-326580-32
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00029	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00038	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00092	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A3-2_13-15_20250520
Date Collected: 05/20/25 13:50
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-32
Matrix: Solid
Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00046	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
2-Butanone (MEK)	0.0062	U *	0.0062	0.00046	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Acetone	**0.054**		0.0075	0.0071	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Acrolein	0.12	U	0.12	0.035	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Acrylonitrile	0.012	U	0.012	0.0061	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Benzene	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Chlorodibromomethane	0.0012	U	0.0012	0.00067	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Cyclohexane	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Ethylene Dibromide	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Isopropylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Methyl acetate	0.0062	U	0.0062	0.0054	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
o-Xylene	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Styrene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
TBA	**0.12**		0.012	0.0098	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:39*	*05/26/25 02:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/21/25 18:39*	*05/26/25 02:49*	*1*
4-Bromofluorobenzene	*106*		*71 - 128*	*05/21/25 18:39*	*05/26/25 02:49*	*1*

Client Sample ID: SRI-A3-2_13-15_20250520
Lab Sample ID: 460-326580-32
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 88.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*05/21/25 18:39*	*05/26/25 02:49*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*05/21/25 18:39*	*05/26/25 02:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.5**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**88.5**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-1_3-5_20250520
Lab Sample ID: 460-326580-33
Date Collected: 05/20/25 14:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
2-Butanone (MEK)	0.0057	U *	0.0057	0.00042	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Acetone	**0.11**		0.0068	0.0065	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Acrylonitrile	0.011	U	0.011	0.0055	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1

Client Sample ID: SRI-A3-1_3-5_20250520
Lab Sample ID: 460-326580-33
Date Collected: 05/20/25 14:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
TBA	**0.13**		0.011	0.0089	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:40*	*05/26/25 03:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/21/25 18:40*	*05/26/25 03:13*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*05/21/25 18:40*	*05/26/25 03:13*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*05/21/25 18:40*	*05/26/25 03:13*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/21/25 18:40*	*05/26/25 03:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**95.8**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-1_8-10_20250520
Lab Sample ID: 460-326580-34
Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U *	0.0015	0.00036	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00081	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U *	0.0015	0.00047	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00093	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00035	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00071	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00046	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A3-1_8-10_20250520
Date Collected: 05/20/25 13:45
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-34
Matrix: Solid
Percent Solids: 95.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
2-Butanone (MEK)	0.0077	U *	0.0077	0.00057	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
2-Hexanone	0.0077	U	0.0077	0.0026	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
4-Methyl-2-pentanone (MIBK)	0.0077	U	0.0077	0.0024	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Acetone	**0.031**		0.0093	0.0088	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Acrolein	0.15	U	0.15	0.043	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Acrylonitrile	0.015	U	0.015	0.0075	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Benzene	0.0015	U	0.0015	0.00088	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Bromoform	0.0015	U	0.0015	0.00066	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Bromomethane	0.0031	U	0.0031	0.0015	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Carbon disulfide	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Carbon tetrachloride	0.0015	U	0.0015	0.00060	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Chlorobenzene	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Chlorobromomethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Chlorodibromomethane	0.0015	U	0.0015	0.00083	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Chloroethane	0.0015	U	0.0015	0.00081	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Chloromethane	0.0015	U	0.0015	0.00067	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00055	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00042	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Cyclohexane	0.0015	U	0.0015	0.00034	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Dichlorobromomethane	0.0015	U	0.0015	0.00040	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00052	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Ethylbenzene	0.0015	U	0.0015	0.00072	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Ethylene Dibromide	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Isopropylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Methyl acetate	0.0077	U	0.0077	0.0066	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00079	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Methylcyclohexane	0.0015	U	0.0015	0.00077	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Methylene Chloride	0.0031	U	0.0031	0.0018	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
o-Xylene	0.0015	U	0.0015	0.00071	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Styrene	0.0015	U	0.0015	0.00043	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
TBA	**0.081**		0.015	0.012	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Tetrachloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Toluene	0.0015	U	0.0015	0.00036	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00038	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Trichloroethene	0.0015	U	0.0015	0.00050	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00063	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Vinyl chloride	0.0015	U	0.0015	0.00084	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:40*	*05/26/25 03:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/21/25 18:40*	*05/26/25 03:37*	*1*
4-Bromofluorobenzene	*113*		*71 - 128*	*05/21/25 18:40*	*05/26/25 03:37*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*05/21/25 18:40*	*05/26/25 03:37*	*1*

Client Sample ID: SRI-A3-1_8-10_20250520
Lab Sample ID: 460-326580-34
Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.1

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/21/25 18:40*	*05/26/25 03:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**95.1**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-1_13-15_20250520
Lab Sample ID: 460-326580-35
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U *	0.0014	0.00032	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U *	0.0014	0.00041	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00040	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
2-Butanone (MEK)	0.0068	U *	0.0068	0.00050	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
2-Hexanone	0.0068	U	0.0068	0.0023	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
4-Methyl-2-pentanone (MIBK)	0.0068	U	0.0068	0.0021	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Acetone	**0.14**		0.0082	0.0078	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Acrolein	0.14	U	0.14	0.038	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Acrylonitrile	0.014	U	0.014	0.0066	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Bromoform	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Carbon disulfide	0.0014	U	0.0014	0.00036	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Chlorobenzene	0.0014	U	0.0014	0.00069	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Chlorobromomethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Chlorodibromomethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Chloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Chloromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00046	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Ethylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1

Client Sample ID: SRI-A3-1_13-15_20250520
Lab Sample ID: 460-326580-35
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0014	U	0.0014	0.00069	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Methyl acetate	0.0068	U	0.0068	0.0059	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Methylcyclohexane	0.0014	U	0.0014	0.00068	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Methylene Chloride	0.0027	U	0.0027	0.0016	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
o-Xylene	0.0014	U	0.0014	0.00063	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
TBA	**0.16**		0.014	0.011	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00055	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:41*	*05/26/25 04:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/21/25 18:41*	*05/26/25 04:00*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*05/21/25 18:41*	*05/26/25 04:00*	*1*
Dibromofluoromethane (Surr)	*127*		*50 - 150*	*05/21/25 18:41*	*05/26/25 04:00*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/21/25 18:41*	*05/26/25 04:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.7**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**95.3**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A4-1_3-5_20250520
Lab Sample ID: 460-326580-36
Date Collected: 05/20/25 15:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00036	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U *	0.0015	0.00046	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00035	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00071	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00046	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A4-1_3-5_20250520
Date Collected: 05/20/25 15:00
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-36
Matrix: Solid
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
2-Butanone (MEK)	0.0077	U	0.0077	0.00057	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
2-Hexanone	0.0077	U	0.0077	0.0026	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
4-Methyl-2-pentanone (MIBK)	0.0077	U	0.0077	0.0024	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Acetone	**0.031**		0.0092	0.0088	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Acrolein	0.15	U	0.15	0.043	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Acrylonitrile	0.015	U	0.015	0.0075	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Benzene	0.0015	U	0.0015	0.00087	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Bromoform	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Bromomethane	0.0031	U	0.0031	0.0015	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Carbon disulfide	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Carbon tetrachloride	0.0015	U	0.0015	0.00060	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Chlorobenzene	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Chlorobromomethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Chlorodibromomethane	0.0015	U	0.0015	0.00083	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Chloroethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Chloromethane	0.0015	U	0.0015	0.00067	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00055	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00042	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Cyclohexane	0.0015	U	0.0015	0.00034	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Dichlorobromomethane	0.0015	U	0.0015	0.00040	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00052	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Ethylbenzene	0.0015	U	0.0015	0.00072	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Ethylene Dibromide	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Isopropylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Methyl acetate	0.0077	U	0.0077	0.0066	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00079	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Methylcyclohexane	0.0015	U	0.0015	0.00077	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Methylene Chloride	0.0031	U	0.0031	0.0018	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
o-Xylene	0.0015	U	0.0015	0.00071	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Styrene	0.0015	U	0.0015	0.00043	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
TBA	**0.079**		0.015	0.012	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Tetrachloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Toluene	0.0015	U	0.0015	0.00036	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00038	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Trichloroethene	0.0015	U	0.0015	0.00049	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00062	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Vinyl chloride	0.0015	U	0.0015	0.00084	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:41*	*05/26/25 19:01*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*05/21/25 18:41*	*05/26/25 19:01*	*1*
4-Bromofluorobenzene	*121*		*71 - 128*	*05/21/25 18:41*	*05/26/25 19:01*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*05/21/25 18:41*	*05/26/25 19:01*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*	*05/21/25 18:41*	*05/26/25 19:01*	*1*

Client Sample ID: SRI-A4-1_3-5_20250520
Lab Sample ID: 460-326580-36

Date Collected: 05/20/25 15:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.3

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.7		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	92.3		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A4-1_7-9_20250520
Lab Sample ID: 460-326580-37

Date Collected: 05/20/25 15:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0013	0.00038	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00092	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
2-Hexanone	0.0063	U	0.0063	0.0021	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0019	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Acetone	0.024		0.0075	0.0072	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Acrolein	0.13	U	0.13	0.035	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Acrylonitrile	0.013	U	0.013	0.0061	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Carbon tetrachloride	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Chlorobenzene	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Chlorodibromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Chloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Chloromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00042	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1

Client Sample ID: SRI-A4-1_7-9_20250520
Lab Sample ID: 460-326580-37
Date Collected: 05/20/25 15:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0013	U	0.0013	0.00062	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
TBA	**0.073**		0.013	0.0098	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Vinyl chloride	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:42*	*05/26/25 19:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/21/25 18:42*	*05/26/25 19:25*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/21/25 18:42*	*05/26/25 19:25*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 18:42*	*05/26/25 19:25*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*05/21/25 18:42*	*05/26/25 19:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.4**		1.0	1.0	%			05/22/25 06:36	1
Percent Solids (EPA Moisture)	**91.6**		1.0	1.0	%			05/22/25 06:36	1

Client Sample ID: SRI-A4-2_3-5_20250520
Lab Sample ID: 460-326580-38
Date Collected: 05/20/25 15:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U *	0.0014	0.00041	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0021	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1

Client Sample ID: SRI-A4-2_3-5_20250520
Lab Sample ID: 460-326580-38
Date Collected: 05/20/25 15:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.012**		0.0083	0.0079	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Acrolein	0.14	U	0.14	0.039	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Acrylonitrile	0.014	U	0.014	0.0067	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Bromoform	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Chlorobromomethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Ethylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Ethylene Dibromide	0.0014	U	0.0014	0.00069	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Methyl acetate	0.0069	U	0.0069	0.0059	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
o-Xylene	0.0014	U	0.0014	0.00063	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
TBA	**0.050**		0.014	0.011	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:42*	*05/26/25 19:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/21/25 18:42*	*05/26/25 19:49*	*1*
4-Bromofluorobenzene	*122*		*71 - 128*	*05/21/25 18:42*	*05/26/25 19:49*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*05/21/25 18:42*	*05/26/25 19:49*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*05/21/25 18:42*	*05/26/25 19:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.5**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A4-2_3-5_20250520
Lab Sample ID: 460-326580-38
Date Collected: 05/20/25 15:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	92.5		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A4-2_6-8_20250520
Lab Sample ID: 460-326580-39
Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00037	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00045	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Acetone	0.035		0.0074	0.0071	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Acrolein	0.12	U	0.12	0.035	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Acrylonitrile	0.012	U	0.012	0.0060	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1

Client Sample ID: SRI-A4-2_6-8_20250520
Lab Sample ID: 460-326580-39

Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
TBA	**0.046**		0.012	0.0097	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:43*	*05/26/25 20:12*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/21/25 18:43*	*05/26/25 20:12*	*1*
4-Bromofluorobenzene	*126*		*71 - 128*	*05/21/25 18:43*	*05/26/25 20:12*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*05/21/25 18:43*	*05/26/25 20:12*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*05/21/25 18:43*	*05/26/25 20:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.3**		1.0	1.0	%			05/22/25 06:36	1
Percent Solids (EPA Moisture)	**94.7**		1.0	1.0	%			05/22/25 06:36	1

Client Sample ID: SRI-A1-2_3-5_20250519
Lab Sample ID: 460-326644-11

Date Collected: 05/19/25 11:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,1,2-Trichloroethane	0.0012	U *	0.0012	0.00073	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,2-Dibromo-3-Chloropropane	0.0012	U *	0.0012	0.00056	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Acetone	**0.011**		0.0073	0.0069	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A1-2_3-5_20250519
Date Collected: 05/19/25 11:15
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-11
Matrix: Solid
Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.12	U	0.12	0.034	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Acrylonitrile	0.012	U	0.012	0.0059	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00041	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
TBA	**0.041**		0.012	0.0095	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 11:12*	*05/24/25 00:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/21/25 11:12*	*05/24/25 00:40*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/21/25 11:12*	*05/24/25 00:40*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*05/21/25 11:12*	*05/24/25 00:40*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*05/21/25 11:12*	*05/24/25 00:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.9**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**91.1**		1.0	1.0	%			05/23/25 06:02	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A1-2_8-10_20250519
Date Collected: 05/19/25 11:20
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-12
Matrix: Solid
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,1,2-Trichloroethane	0.0012	U *	0.0012	0.00070	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,2-Dibromo-3-Chloropropane	0.0012	U *	0.0012	0.00053	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Acetone	**0.012**		0.0069	0.0066	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Acrolein	0.12	U	0.12	0.032	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Acrylonitrile	0.012	U	0.012	0.0056	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00039	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
TBA	**0.031**		0.012	0.0091	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1

Client Sample ID: SRI-A1-2_8-10_20250519
Lab Sample ID: 460-326644-12

Date Collected: 05/19/25 11:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 11:14*	*05/24/25 01:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/21/25 11:14*	*05/24/25 01:03*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/21/25 11:14*	*05/24/25 01:03*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*05/21/25 11:14*	*05/24/25 01:03*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*05/21/25 11:14*	*05/24/25 01:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-A1-2_13-15_20250519
Lab Sample ID: 460-326644-13

Date Collected: 05/19/25 11:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Acetone	**0.061**		0.0065	0.0062	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Acrolein	0.11	U	0.11	0.030	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Acrylonitrile	0.011	U	0.011	0.0053	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1

Client Sample ID: SRI-A1-2_13-15_20250519
Lab Sample ID: 460-326644-13

Date Collected: 05/19/25 11:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
TBA	**0.026**		0.011	0.0085	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 11:15*	*06/02/25 15:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*05/21/25 11:15*	*06/02/25 15:53*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*05/21/25 11:15*	*06/02/25 15:53*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 150*	*05/21/25 11:15*	*06/02/25 15:53*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/21/25 11:15*	*06/02/25 15:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.3**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**96.7**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-X-1_13-15_20250519
Lab Sample ID: 460-326644-14

Date Collected: 05/19/25 12:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1

Client Sample ID: SRI-X-1_13-15_20250519
Date Collected: 05/19/25 12:45
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-14
Matrix: Solid
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,1,2-Trichloroethane	0.00093	U *	0.00093	0.00056	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00068	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,2-Dibromo-3-Chloropropane	0.00093	U *	0.00093	0.00043	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00027	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Acetone	**0.0093**		0.0056	0.0053	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Acrolein	0.093	U	0.093	0.026	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Acrylonitrile	0.0093	U	0.0093	0.0045	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Benzene	0.00093	U	0.00093	0.00052	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Bromoform	0.00093	U	0.00093	0.00039	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Chlorobromomethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Chloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Chloroform	0.00093	U	0.00093	0.00090	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Chloromethane	0.00093	U	0.00093	0.00040	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Cyclohexane	0.00093	U	0.00093	0.00020	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Dichlorodifluoromethane	0.00093	U *	0.00093	0.00031	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Ethylbenzene	0.00093	U	0.00093	0.00043	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Isopropylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00047	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Methylcyclohexane	0.00093	U	0.00093	0.00046	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
TBA	**0.021**		0.0093	0.0073	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1

Client Sample ID: SRI-X-1_13-15_20250519
Lab Sample ID: 460-326644-14

Date Collected: 05/19/25 12:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 11:17*	*05/24/25 01:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/21/25 11:17*	*05/24/25 01:27*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*	*05/21/25 11:17*	*05/24/25 01:27*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*05/21/25 11:17*	*05/24/25 01:27*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*05/21/25 11:17*	*05/24/25 01:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.3**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**92.7**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-2_3-5_20250519
Lab Sample ID: 460-326644-15

Date Collected: 05/19/25 12:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00037	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00048	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,1,2-Trichloroethane	0.0016	U *	0.0016	0.00096	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00036	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,2-Dibromo-3-Chloropropane	0.0016	U *	0.0016	0.00073	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00067	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
2-Butanone (MEK)	0.0080	U	0.0080	0.00059	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
2-Hexanone	0.0080	U	0.0080	0.0027	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
4-Methyl-2-pentanone (MIBK)	0.0080	U	0.0080	0.0025	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Acetone	**0.085**		0.0096	0.0091	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Acrolein	0.16	U	0.16	0.045	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Acrylonitrile	0.016	U	0.016	0.0078	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Benzene	0.0016	U	0.0016	0.00090	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Bromoform	0.0016	U	0.0016	0.00068	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Bromomethane	0.0032	U	0.0032	0.0016	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Carbon disulfide	0.0016	U	0.0016	0.00042	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Carbon tetrachloride	0.0016	U	0.0016	0.00062	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Chlorobenzene	0.0016	U	0.0016	0.00081	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1

Client Sample ID: SRI-B1-2_3-5_20250519
Lab Sample ID: 460-326644-15

Date Collected: 05/19/25 12:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Chlorodibromomethane	0.0016	U	0.0016	0.00086	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Chloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Chloromethane	0.0016	U	0.0016	0.00069	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00057	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00044	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Cyclohexane	0.0016	U	0.0016	0.00035	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Dichlorobromomethane	0.0016	U	0.0016	0.00041	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Dichlorodifluoromethane	0.0016	U *	0.0016	0.00054	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Ethylbenzene	0.0016	U	0.0016	0.00075	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Ethylene Dibromide	0.0016	U	0.0016	0.00080	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Isopropylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Methyl acetate	0.0080	U	0.0080	0.0069	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00082	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Methylcyclohexane	0.0016	U	0.0016	0.00080	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Methylene Chloride	0.0032	U	0.0032	0.0018	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00067	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
o-Xylene	0.0016	U	0.0016	0.00074	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Styrene	0.0016	U	0.0016	0.00044	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
TBA	**0.21**		0.016	0.013	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Tetrachloroethene	0.0016	U	0.0016	0.00049	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Toluene	0.0016	U	0.0016	0.00037	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00039	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Trichloroethene	0.0016	U	0.0016	0.00051	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00065	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Vinyl chloride	0.0016	U	0.0016	0.00087	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 11:18*	*05/24/25 01:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/21/25 11:18*	*05/24/25 01:51*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*	*05/21/25 11:18*	*05/24/25 01:51*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*05/21/25 11:18*	*05/24/25 01:51*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*05/21/25 11:18*	*05/24/25 01:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.9**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**96.1**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-2_5-7_20250519
Lab Sample ID: 460-326644-16

Date Collected: 05/19/25 12:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-2_5-7_20250519
Lab Sample ID: 460-326644-16
Date Collected: 05/19/25 12:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,1,2-Trichloroethane	0.0010	U *	0.0010	0.00061	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,2-Dibromo-3-Chloropropane	0.0010	U *	0.0010	0.00046	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Acetone	**0.045**		0.0061	0.0058	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Acrolein	0.10	U	0.10	0.028	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00034	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
TBA	**0.068**		0.010	0.0079	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Toluene	**0.00028**	**J**	0.0010	0.00024	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1

Client Sample ID: SRI-B1-2_5-7_20250519
Lab Sample ID: 460-326644-16

Date Collected: 05/19/25 12:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:01*	*05/24/25 02:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*05/21/25 12:01*	*05/24/25 02:14*	*1*
4-Bromofluorobenzene	*126*		*71 - 128*	*05/21/25 12:01*	*05/24/25 02:14*	*1*
Dibromofluoromethane (Surr)	*133*		*50 - 150*	*05/21/25 12:01*	*05/24/25 02:14*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*	*05/21/25 12:01*	*05/24/25 02:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.5**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**94.5**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-2_13-15_20250519
Lab Sample ID: 460-326644-17

Date Collected: 05/19/25 12:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00032	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Acetone	**0.011**		0.0065	0.0062	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Acrolein	0.11	U	0.11	0.030	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Acrylonitrile	0.011	U	0.011	0.0052	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1

Client Sample ID: SRI-B1-2_13-15_20250519
Lab Sample ID: 460-326644-17

Date Collected: 05/19/25 12:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
TBA	**0.027**		0.011	0.0084	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:02*	*05/24/25 08:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/21/25 12:02*	*05/24/25 08:56*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*	*05/21/25 12:02*	*05/24/25 08:56*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*05/21/25 12:02*	*05/24/25 08:56*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 12:02*	*05/24/25 08:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**97.2**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-2_18-20_20250519
Lab Sample ID: 460-326644-18

Date Collected: 05/19/25 12:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B1-2_18-20_20250519
Date Collected: 05/19/25 12:35
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-18
Matrix: Solid
Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Acetone	**0.022**		0.0068	0.0065	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Acrylonitrile	0.011	U	0.011	0.0055	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Carbon disulfide	**0.0017**		0.0011	0.00030	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
TBA	**0.034**		0.011	0.0089	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1

Client Sample ID: SRI-B1-2_18-20_20250519
Lab Sample ID: 460-326644-18

Date Collected: 05/19/25 12:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:04*	*05/24/25 09:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/21/25 12:04*	*05/24/25 09:20*	*1*
4-Bromofluorobenzene	*112*		*71 - 128*	*05/21/25 12:04*	*05/24/25 09:20*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*05/21/25 12:04*	*05/24/25 09:20*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/21/25 12:04*	*05/24/25 09:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**20.5**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**79.5**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-X-2_3-5_20250519
Lab Sample ID: 460-326644-19

Date Collected: 05/19/25 13:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U *	0.00098	0.00030	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Acetone	**0.015**		0.0059	0.0056	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Acrolein	0.098	U	0.098	0.027	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Acrylonitrile	0.0098	U	0.0098	0.0048	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Chlorobromomethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1

Client Sample ID: SRI-X-2_3-5_20250519
Lab Sample ID: 460-326644-19

Date Collected: 05/19/25 13:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Ethylene Dibromide	0.00098	U	0.00098	0.00049	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
m-Xylene & p-Xylene	**0.00055**	**J**	0.00098	0.00041	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
o-Xylene	**0.00045**	**J**	0.00098	0.00045	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
TBA	**0.051**		0.0098	0.0077	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Toluene	0.00098	U	0.00098	0.00023	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Trichloroethene	0.00098	U	0.00098	0.00031	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Vinyl chloride	0.00098	U	0.00098	0.00054	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:05*	*05/24/25 09:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/21/25 12:05*	*05/24/25 09:43*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/21/25 12:05*	*05/24/25 09:43*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*05/21/25 12:05*	*05/24/25 09:43*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 12:05*	*05/24/25 09:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**96.2**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-1_3-5_20250519
Lab Sample ID: 460-326644-20

Date Collected: 05/19/25 13:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 97.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B1-1_3-5_20250519
Date Collected: 05/19/25 13:00
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-20
Matrix: Solid
Percent Solids: 97.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00025	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Acetone	**0.044**		0.0067	0.0064	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Acrylonitrile	0.011	U	0.011	0.0054	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00043	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00038	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
TBA	**0.14**		0.011	0.0087	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Tetrachloroethene	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Trichloroethene	0.0011	U *	0.0011	0.00036	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00045	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1

Client Sample ID: SRI-B1-1_3-5_20250519
Lab Sample ID: 460-326644-20
Date Collected: 05/19/25 13:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 97.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:06*	*05/25/25 08:39*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/21/25 12:06*	*05/25/25 08:39*	*1*
4-Bromofluorobenzene	*110*		*71 - 128*	*05/21/25 12:06*	*05/25/25 08:39*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 12:06*	*05/25/25 08:39*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*05/21/25 12:06*	*05/25/25 08:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.6**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**97.4**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-3_3-5_20250519
Lab Sample ID: 460-326644-21
Date Collected: 05/19/25 13:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 95.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00024	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00031	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,1-Dichloroethene	0.0010	U *	0.0010	0.00023	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Acetone	**0.038**		0.0062	0.0059	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Acrolein	0.10	U	0.10	0.029	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Acrylonitrile	0.010	U	0.010	0.0050	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Carbon tetrachloride	0.0010	U *	0.0010	0.00040	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1

Client Sample ID: SRI-B1-3_3-5_20250519

Lab Sample ID: 460-326644-21

Date Collected: 05/19/25 13:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 95.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00035	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Methyl acetate	0.0052	U	0.0052	0.0044	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
TBA	**0.11**		0.010	0.0081	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Tetrachloroethene	0.0010	U *	0.0010	0.00032	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
trans-1,2-Dichloroethene	0.0010	U *	0.0010	0.00025	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Trichloroethene	0.0010	U *	0.0010	0.00033	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Trichlorofluoromethane	0.0010	U *	0.0010	0.00042	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:10*	*05/25/25 09:02*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/21/25 12:10*	*05/25/25 09:02*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/21/25 12:10*	*05/25/25 09:02*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*05/21/25 12:10*	*05/25/25 09:02*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 12:10*	*05/25/25 09:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.4**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**95.6**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-3_5-7_20250519

Lab Sample ID: 460-326644-22

Date Collected: 05/19/25 13:55
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B1-3_5-7_20250519
Date Collected: 05/19/25 13:55
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-22
Matrix: Solid
Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0011	U *	0.0011	0.00025	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Acetone	**0.026**		0.0067	0.0064	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Acrylonitrile	0.011	U	0.011	0.0054	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00043	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00038	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
TBA	**0.070**		0.011	0.0087	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Tetrachloroethene	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Trichloroethene	0.0011	U *	0.0011	0.00036	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00045	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1

Client Sample ID: SRI-B1-3_5-7_20250519
Lab Sample ID: 460-326644-22
Date Collected: 05/19/25 13:55
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.9

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼		N/A	05/21/25 12:12	05/25/25 09:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		65 - 138	05/21/25 12:12	05/25/25 09:26	1
4-Bromofluorobenzene	99		71 - 128	05/21/25 12:12	05/25/25 09:26	1
Dibromofluoromethane (Surr)	103		50 - 150	05/21/25 12:12	05/25/25 09:26	1
Toluene-d8 (Surr)	86		71 - 126	05/21/25 12:12	05/25/25 09:26	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.1		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	96.9		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-3_13-15_20250519
Lab Sample ID: 460-326644-23
Date Collected: 05/19/25 14:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00023	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00030	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,1-Dichloroethene	0.0010	U *	0.0010	0.00023	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Acetone	0.14		0.0060	0.0057	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Acrolein	0.10	U	0.10	0.028	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Carbon tetrachloride	0.0010	U *	0.0010	0.00039	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1

Client Sample ID: SRI-B1-3_13-15_20250519
Lab Sample ID: 460-326644-23
Date Collected: 05/19/25 14:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00034	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
TBA	**0.14**		0.010	0.0079	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Tetrachloroethene	0.0010	U *	0.0010	0.00031	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
trans-1,2-Dichloroethene	0.0010	U *	0.0010	0.00025	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Trichloroethene	0.0010	U *	0.0010	0.00032	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Trichlorofluoromethane	0.0010	U *	0.0010	0.00041	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:13*	*05/25/25 09:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/21/25 12:13*	*05/25/25 09:49*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*05/21/25 12:13*	*05/25/25 09:49*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*05/21/25 12:13*	*05/25/25 09:49*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*05/21/25 12:13*	*05/25/25 09:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**89.2**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-4_3-5_20250519
Lab Sample ID: 460-326644-24
Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U *	0.00094	0.00022	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U *	0.00094	0.00028	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,1-Dichloroethene	0.00094	U *	0.00094	0.00021	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00069	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1

Client Sample ID: SRI-B1-4_3-5_20250519
Lab Sample ID: 460-326644-24
Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Acetone	**0.0082**		0.0056	0.0054	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Acrolein	0.094	U	0.094	0.026	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Acrylonitrile	0.0094	U	0.0094	0.0046	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Carbon tetrachloride	0.00094	U *	0.00094	0.00036	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Chlorobenzene	0.00094	U	0.00094	0.00048	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Chlorodibromomethane	0.00094	U	0.00094	0.00050	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Dichlorodifluoromethane	0.00094	U *	0.00094	0.00032	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Ethylene Dibromide	0.00094	U	0.00094	0.00047	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
TBA	**0.027**		0.0094	0.0074	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Tetrachloroethene	0.00094	U *	0.00094	0.00029	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
trans-1,2-Dichloroethene	0.00094	U *	0.00094	0.00023	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Trichloroethene	0.00094	U *	0.00094	0.00030	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Trichlorofluoromethane	0.00094	U *	0.00094	0.00038	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:14*	*05/25/25 10:13*	*1*

Client Sample ID: SRI-B1-4_3-5_20250519
Lab Sample ID: 460-326644-24

Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*	*05/21/25 12:14*	*05/25/25 10:13*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*05/21/25 12:14*	*05/25/25 10:13*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*05/21/25 12:14*	*05/25/25 10:13*	*1*
Toluene-d8 (Surr)	*88*		*71 - 126*	*05/21/25 12:14*	*05/25/25 10:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.6**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**93.4**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-4_5-7_20250519
Lab Sample ID: 460-326644-25

Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U *	0.00096	0.00022	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U *	0.00096	0.00029	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,1-Dichloroethene	0.00096	U *	0.00096	0.00022	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
2-Butanone (MEK)	**0.0068**		0.0048	0.00035	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Acetone	**0.082**		0.0057	0.0055	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Acrolein	0.096	U	0.096	0.027	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Acrylonitrile	0.0096	U	0.0096	0.0047	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Benzene	0.00096	U	0.00096	0.00054	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Carbon disulfide	0.00096	U	0.00096	0.00025	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Carbon tetrachloride	0.00096	U *	0.00096	0.00037	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Chlorodibromomethane	0.00096	U	0.00096	0.00051	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1

Client Sample ID: SRI-B1-4_5-7_20250519
Lab Sample ID: 460-326644-25
Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00096	U *	0.00096	0.00032	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
m-Xylene & p-Xylene	**0.00041**	**J**	0.00096	0.00041	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
TBA	**0.050**		0.0096	0.0075	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Tetrachloroethene	0.00096	U *	0.00096	0.00029	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Toluene	**0.00030**	**J**	0.00096	0.00022	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
trans-1,2-Dichloroethene	0.00096	U *	0.00096	0.00024	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00025	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Trichloroethene	0.00096	U *	0.00096	0.00031	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Trichlorofluoromethane	0.00096	U *	0.00096	0.00039	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Vinyl chloride	0.00096	U	0.00096	0.00052	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:16*	*05/25/25 10:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/21/25 12:16*	*05/25/25 10:37*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/21/25 12:16*	*05/25/25 10:37*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*05/21/25 12:16*	*05/25/25 10:37*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 12:16*	*05/25/25 10:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.4**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**96.6**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-4_13-15_20250519
Lab Sample ID: 460-326644-26
Date Collected: 05/19/25 14:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 90.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00025	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B1-4_13-15_20250519
Date Collected: 05/19/25 14:25
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-26
Matrix: Solid
Percent Solids: 90.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
2-Butanone (MEK)	**0.013**		0.0055	0.00041	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Acetone	**0.094**		0.0066	0.0063	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Acrylonitrile	0.011	U	0.011	0.0054	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Carbon disulfide	**0.0079**		0.0011	0.00029	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00043	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
m-Xylene & p-Xylene	**0.00058**	**J**	0.0011	0.00047	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
TBA	**0.089**		0.011	0.0087	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Tetrachloroethene	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Trichloroethene	0.0011	U *	0.0011	0.00036	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00045	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0093*	*J*	*mg/Kg*	☼	*3.79*	*N/A*	*05/21/25 12:17*	*05/25/25 11:00*	*1*
Unknown	*0.071*	*J*	*mg/Kg*	☼	*4.87*	*N/A*	*05/21/25 12:17*	*05/25/25 11:00*	*1*
Hexane, 2,5-dimethyl-	*0.010*	*J N*	*mg/Kg*	☼	*5.67*	*592-13-2*	*05/21/25 12:17*	*05/25/25 11:00*	*1*
Pentane, 2,3,4-trimethyl-	*0.045*	*J N*	*mg/Kg*	☼	*6.17*	*565-75-3*	*05/21/25 12:17*	*05/25/25 11:00*	*1*
Pentane, 2,3,3-trimethyl-	*0.049*	*J N*	*mg/Kg*	☼	*6.32*	*560-21-4*	*05/21/25 12:17*	*05/25/25 11:00*	*1*

Client Sample ID: SRI-B1-4_13-15_20250519
Lab Sample ID: 460-326644-26

Date Collected: 05/19/25 14:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 90.9

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	0.029	J	mg/Kg	☼	6.79	N/A	05/21/25 12:17	05/25/25 11:00	1
Unknown	0.022	J	mg/Kg	☼	9.90	N/A	05/21/25 12:17	05/25/25 11:00	1
Unknown	0.010	J	mg/Kg	☼	10.08	N/A	05/21/25 12:17	05/25/25 11:00	1
Unknown	0.011	J	mg/Kg	☼	10.30	N/A	05/21/25 12:17	05/25/25 11:00	1
Unknown	0.0091	J	mg/Kg	☼	10.78	N/A	05/21/25 12:17	05/25/25 11:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		65 - 138	05/21/25 12:17	05/25/25 11:00	1
4-Bromofluorobenzene	111		71 - 128	05/21/25 12:17	05/25/25 11:00	1
Dibromofluoromethane (Surr)	114		50 - 150	05/21/25 12:17	05/25/25 11:00	1
Toluene-d8 (Surr)	96		71 - 126	05/21/25 12:17	05/25/25 11:00	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.1		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	90.9		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-4_17-19_20250519
Lab Sample ID: 460-326644-27

Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.022	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.11	U	0.11	0.037	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,1,2-Trichloroethane	0.11	U	0.11	0.022	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,1-Dichloroethane	0.11	U	0.11	0.026	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,1-Dichloroethene	0.11	U	0.11	0.029	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,2,3-Trichlorobenzene	0.11	U *	0.11	0.038	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,2,4-Trichlorobenzene	0.11	U	0.11	0.029	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,2-Dibromo-3-Chloropropane	0.11	U	0.11	0.023	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,2-Dichlorobenzene	0.11	U	0.11	0.024	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,2-Dichloroethane	0.11	U	0.11	0.027	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,2-Dichloropropane	0.11	U	0.11	0.020	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,3-Dichlorobenzene	0.11	U	0.11	0.036	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,4-Dichlorobenzene	0.11	U	0.11	0.036	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
2-Butanone (MEK)	0.55	U	0.55	0.24	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
2-Hexanone	0.55	U	0.55	0.12	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
4-Methyl-2-pentanone (MIBK)	0.55	U	0.55	0.14	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Acetone	0.55	U	0.55	0.48	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Acrolein	0.55	U	0.55	0.26	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Acrylonitrile	1.1	U	1.1	0.20	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Benzene	0.11	U	0.11	0.022	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Bromoform	0.11	U	0.11	0.020	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Bromomethane	0.11	U	0.11	0.060	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Carbon disulfide	0.11	U	0.11	0.074	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Carbon tetrachloride	0.11	U	0.11	0.036	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Chlorobenzene	0.11	U	0.11	0.026	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Chlorobromomethane	0.11	U	0.11	0.033	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-4_17-19_20250519
Lab Sample ID: 460-326644-27
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.11	U	0.11	0.024	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Chloroethane	0.11	U	0.11	0.040	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Chloroform	0.11	U	0.11	0.024	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Chloromethane	0.11	U	0.11	0.044	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
cis-1,2-Dichloroethene	0.11	U	0.11	0.028	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
cis-1,3-Dichloropropene	0.11	U	0.11	0.024	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Cyclohexane	0.11	U	0.11	0.028	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Dichlorobromomethane	0.11	U	0.11	0.016	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Dichlorodifluoromethane	0.11	U	0.11	0.034	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Ethylbenzene	**0.052**	**J**	0.11	0.033	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Ethylene Dibromide	0.11	U	0.11	0.021	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Isopropylbenzene	**0.33**		0.11	0.035	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Methyl acetate	0.55	U	0.55	0.086	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Methyl tert-butyl ether	0.11	U	0.11	0.023	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Methylcyclohexane	0.11	U	0.11	0.079	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Methylene Chloride	0.11	U	0.11	0.023	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
m-Xylene & p-Xylene	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
o-Xylene	0.11	U	0.11	0.035	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Styrene	0.11	U	0.11	0.019	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
TBA	1.1	U	1.1	0.90	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Tetrachloroethene	0.11	U	0.11	0.039	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Toluene	0.11	U	0.11	0.027	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
trans-1,2-Dichloroethene	0.11	U	0.11	0.020	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
trans-1,3-Dichloropropene	0.11	U	0.11	0.024	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Trichloroethene	0.11	U	0.11	0.024	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Trichlorofluoromethane	0.11	U	0.11	0.035	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Vinyl chloride	0.11	U	0.11	0.022	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Pentane, 2,4-dimethyl-	*3.8*	*J N*	*mg/Kg*	☼	*2.91*	*108-08-7*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Unknown Alkane	*27*	*J*	*mg/Kg*	☼	*3.84*	*N/A*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Hexane, 2,5-dimethyl-	*4.3*	*J N*	*mg/Kg*	☼	*4.58*	*592-13-2*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Pentane, 2,3,4-trimethyl-	*18*	*J N*	*mg/Kg*	☼	*5.03*	*565-75-3*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Pentane, 2,3,3-trimethyl-	*21*	*J N*	*mg/Kg*	☼	*5.16*	*560-21-4*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Hexane, 2,2,5-trimethyl-	*13*	*J N*	*mg/Kg*	☼	*5.61*	*3522-94-9*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Unknown	*7.6*	*J*	*mg/Kg*	☼	*9.08*	*N/A*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Benzene, 1,4-diethyl-	*4.9*	*J N*	*mg/Kg*	☼	*10.43*	*105-05-5*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Benzene, 1-ethyl-2,3-dimethyl-	*8.0*	*J N*	*mg/Kg*	☼	*10.81*	*933-98-2*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Benzene, 1,2,3,4-tetramethyl-	*5.2*	*J N*	*mg/Kg*	☼	*11.13*	*488-23-3*	*05/21/25 12:29*	*05/27/25 18:44*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*60 - 150*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
4-Bromofluorobenzene	*126*		*70 - 150*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Dibromofluoromethane (Surr)	*113*		*68 - 150*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Toluene-d8 (Surr)	*114*		*64 - 157*	*05/21/25 12:29*	*05/27/25 18:44*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.7**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**87.3**		1.0	1.0	%			05/23/25 06:02	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-1_3-5_20250519
Lab Sample ID: 460-326644-33
Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 95.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00085	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Acetone	**0.043**		0.0069	0.0066	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Acrylonitrile	0.011	U	0.011	0.0056	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00044	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Chlorodibromomethane	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00039	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Ethylbenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
m-Xylene & p-Xylene	**0.00049**	**J**	0.0011	0.00048	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
TBA	**0.12**		0.011	0.0090	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Tetrachloroethene	0.0011	U *	0.0011	0.00035	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1

Client Sample ID: SRI-B2-1_3-5_20250519
Lab Sample ID: 460-326644-33

Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 95.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00028	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Trichloroethene	0.0011	U *	0.0011	0.00037	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00047	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Vinyl chloride	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:37*	*05/25/25 11:24*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*	*05/21/25 12:37*	*05/25/25 11:24*	*1*
4-Bromofluorobenzene	*132*	*	*71 - 128*	*05/21/25 12:37*	*05/25/25 11:24*	*1*
Dibromofluoromethane (Surr)	*134*		*50 - 150*	*05/21/25 12:37*	*05/25/25 11:24*	*1*
Toluene-d8 (Surr)	*112*		*71 - 126*	*05/21/25 12:37*	*05/25/25 11:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.3**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**95.7**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-4_18-20_20250519
Lab Sample ID: 460-326644-34

Date Collected: 05/19/25 14:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00092	U *	0.00092	0.00021	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,1,2,2-Tetrachloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00092	U *	0.00092	0.00028	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,1,2-Trichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,1-Dichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,1-Dichloroethene	0.00092	U *	0.00092	0.00021	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,2,3-Trichlorobenzene	0.00092	U	0.00092	0.00068	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,2,4-Trichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,2-Dibromo-3-Chloropropane	0.00092	U	0.00092	0.00042	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,2-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,2-Dichloroethane	0.00092	U	0.00092	0.00027	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,2-Dichloropropane	0.00092	U	0.00092	0.00039	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,3-Dichlorobenzene	0.00092	U	0.00092	0.00034	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,4-Dichlorobenzene	0.00092	U	0.00092	0.00048	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Acetone	**0.0080**		0.0055	0.0053	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Acrolein	0.092	U	0.092	0.026	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Acrylonitrile	0.0092	U	0.0092	0.0045	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Benzene	0.00092	U	0.00092	0.00052	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Bromoform	0.00092	U	0.00092	0.00039	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Bromomethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Carbon disulfide	0.00092	U	0.00092	0.00024	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Carbon tetrachloride	0.00092	U *	0.00092	0.00036	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1

Client Sample ID: SRI-B1-4_18-20_20250519
Lab Sample ID: 460-326644-34
Date Collected: 05/19/25 14:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.00092	U	0.00092	0.00047	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Chlorobromomethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Chlorodibromomethane	0.00092	U	0.00092	0.00049	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Chloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Chloroform	0.00092	U	0.00092	0.00089	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Chloromethane	0.00092	U	0.00092	0.00040	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
cis-1,2-Dichloroethene	0.00092	U	0.00092	0.00033	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
cis-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Cyclohexane	0.00092	U	0.00092	0.00020	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Dichlorobromomethane	0.00092	U	0.00092	0.00024	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Dichlorodifluoromethane	0.00092	U *	0.00092	0.00031	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Ethylbenzene	0.00092	U	0.00092	0.00043	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Ethylene Dibromide	0.00092	U	0.00092	0.00046	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Isopropylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Methyl tert-butyl ether	0.00092	U	0.00092	0.00047	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Methylcyclohexane	0.00092	U	0.00092	0.00046	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Methylene Chloride	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
m-Xylene & p-Xylene	0.00092	U	0.00092	0.00039	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
o-Xylene	0.00092	U	0.00092	0.00042	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Styrene	0.00092	U	0.00092	0.00026	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
TBA	**0.020**		0.0092	0.0072	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Tetrachloroethene	0.00092	U *	0.00092	0.00028	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Toluene	0.00092	U	0.00092	0.00022	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
trans-1,2-Dichloroethene	0.00092	U *	0.00092	0.00023	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
trans-1,3-Dichloropropene	0.00092	U	0.00092	0.00024	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Trichloroethene	0.00092	U *	0.00092	0.00030	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Trichlorofluoromethane	0.00092	U *	0.00092	0.00037	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Vinyl chloride	0.00092	U	0.00092	0.00050	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:36*	*05/25/25 11:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/21/25 12:36*	*05/25/25 11:48*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*05/21/25 12:36*	*05/25/25 11:48*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*05/21/25 12:36*	*05/25/25 11:48*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*05/21/25 12:36*	*05/25/25 11:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.3**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**92.7**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-1_18-20_20250519
Lab Sample ID: 460-326644-35
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B2-1_18-20_20250519
Date Collected: 05/19/25 14:45
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-35
Matrix: Solid
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,2,3-Trichlorobenzene	0.0014	U *	0.0014	0.0010	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,2,4-Trichlorobenzene	0.0014	U *	0.0014	0.00050	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00064	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0022	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Acetone	**0.016**		0.0083	0.0079	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Acrolein	0.14	U	0.14	0.039	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Acrylonitrile	0.014	U	0.014	0.0067	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Benzene	0.0014	U	0.0014	0.00079	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Chlorobromomethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Ethylene Dibromide	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Methyl acetate	0.0069	U	0.0069	0.0060	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00059	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
TBA	0.014	U	0.014	0.011	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1

Client Sample ID: SRI-B2-1_18-20_20250519
Lab Sample ID: 460-326644-35

Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Vinyl chloride	0.0014	U	0.0014	0.00076	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.011*	*J*	*mg/Kg*	☼	*3.24*	*N/A*	*05/21/25 12:45*	*06/02/25 21:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*	*05/21/25 12:45*	*06/02/25 21:46*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*	*05/21/25 12:45*	*06/02/25 21:46*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*05/21/25 12:45*	*06/02/25 21:46*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 12:45*	*06/02/25 21:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**22.7**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**77.3**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-1_13-15_20250519
Lab Sample ID: 460-326644-36

Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00023	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00030	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00059	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,1-Dichloroethene	0.0010	U *	0.0010	0.00022	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00073	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Acetone	**0.012**		0.0060	0.0057	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Acrolein	0.10	U	0.10	0.028	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Acrylonitrile	0.010	U	0.010	0.0048	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Benzene	0.0010	U	0.0010	0.00056	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Carbon disulfide	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Carbon tetrachloride	0.0010	U *	0.0010	0.00039	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Chlorobenzene	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1

Client Sample ID: SRI-B2-1_13-15_20250519

Lab Sample ID: 460-326644-36

Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00059	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Chlorodibromomethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00034	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
TBA	**0.029**		0.010	0.0078	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Tetrachloroethene	0.0010	U *	0.0010	0.00030	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
trans-1,2-Dichloroethene	0.0010	U *	0.0010	0.00024	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Trichloroethene	0.0010	U *	0.0010	0.00032	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Trichlorofluoromethane	0.0010	U *	0.0010	0.00040	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Vinyl chloride	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:39*	*05/25/25 12:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/21/25 12:39*	*05/25/25 12:11*	*1*
4-Bromofluorobenzene	*113*		*71 - 128*	*05/21/25 12:39*	*05/25/25 12:11*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*05/21/25 12:39*	*05/25/25 12:11*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 12:39*	*05/25/25 12:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.7**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**86.3**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-1_8-10_20250519

Lab Sample ID: 460-326644-37

Date Collected: 05/19/25 14:50
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U *	0.00099	0.00023	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00051	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-1_8-10_20250519
Lab Sample ID: 460-326644-37
Date Collected: 05/19/25 14:50
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U *	0.00099	0.00030	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,1-Dichloroethene	0.00099	U *	0.00099	0.00022	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00045	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Acetone	**0.15**		0.0059	0.0056	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Acrolein	0.099	U	0.099	0.028	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Acrylonitrile	0.0099	U	0.0099	0.0048	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Carbon tetrachloride	0.00099	U *	0.00099	0.00038	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Chloroethane	0.00099	U	0.00099	0.00051	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Dichlorodifluoromethane	0.00099	U *	0.00099	0.00033	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00050	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
o-Xylene	0.00099	U	0.00099	0.00045	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Styrene	0.00099	U	0.00099	0.00027	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
TBA	**0.15**		0.0099	0.0077	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Tetrachloroethene	0.00099	U *	0.00099	0.00030	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
trans-1,2-Dichloroethene	0.00099	U *	0.00099	0.00024	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1

Client Sample ID: SRI-B2-1_8-10_20250519
Lab Sample ID: 460-326644-37

Date Collected: 05/19/25 14:50
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.00099	U *	0.00099	0.00032	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Trichlorofluoromethane	0.00099	U *	0.00099	0.00040	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:38*	*05/25/25 12:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/21/25 12:38*	*05/25/25 12:35*	*1*
4-Bromofluorobenzene	*112*		*71 - 128*	*05/21/25 12:38*	*05/25/25 12:35*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*05/21/25 12:38*	*05/25/25 12:35*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/21/25 12:38*	*05/25/25 12:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.7**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**94.3**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-3_3-5_20250519
Lab Sample ID: 460-326644-38

Date Collected: 05/19/25 15:05
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Acetone	**0.018**		0.0069	0.0065	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Acrylonitrile	0.011	U	0.011	0.0056	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00044	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1

Client Sample ID: SRI-B2-3_3-5_20250519
Lab Sample ID: 460-326644-38

Date Collected: 05/19/25 15:05
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00039	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
TBA	**0.047**		0.011	0.0090	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Tetrachloroethene	0.0011	U *	0.0011	0.00035	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00028	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Trichloroethene	0.0011	U *	0.0011	0.00037	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00046	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:41*	*05/25/25 12:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/21/25 12:41*	*05/25/25 12:58*	*1*
4-Bromofluorobenzene	*117*		*71 - 128*	*05/21/25 12:41*	*05/25/25 12:58*	*1*
Dibromofluoromethane (Surr)	*125*		*50 - 150*	*05/21/25 12:41*	*05/25/25 12:58*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/21/25 12:41*	*05/25/25 12:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**93.2**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-3_13-15_20250519
Lab Sample ID: 460-326644-39

Date Collected: 05/19/25 15:10
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.14	U	0.14	0.040	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.028	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.14	U	0.14	0.048	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50

Client Sample ID: SRI-B2-3_13-15_20250519
Lab Sample ID: 460-326644-39
Date Collected: 05/19/25 15:10
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.14	U	0.14	0.029	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,1-Dichloroethane	0.14	U	0.14	0.034	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,1-Dichloroethene	0.14	U	0.14	0.038	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,2,3-Trichlorobenzene	0.14	U *	0.14	0.050	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,2,4-Trichlorobenzene	0.14	U	0.14	0.038	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,2-Dibromo-3-Chloropropane	0.14	U	0.14	0.030	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,2-Dichlorobenzene	0.14	U	0.14	0.031	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,2-Dichloroethane	0.14	U	0.14	0.036	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,2-Dichloropropane	0.14	U	0.14	0.026	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,3-Dichlorobenzene	0.14	U	0.14	0.047	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,4-Dichlorobenzene	0.14	U	0.14	0.047	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
2-Butanone (MEK)	0.71	U	0.71	0.31	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
2-Hexanone	0.71	U	0.71	0.16	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
4-Methyl-2-pentanone (MIBK)	0.71	U	0.71	0.19	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Acetone	0.71	U	0.71	0.63	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Acrolein	0.71	U	0.71	0.34	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Acrylonitrile	1.4	U	1.4	0.26	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Benzene	0.14	U	0.14	0.029	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Bromoform	0.14	U	0.14	0.026	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Bromomethane	0.14	U	0.14	0.079	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Carbon disulfide	0.14	U	0.14	0.096	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Carbon tetrachloride	0.14	U	0.14	0.047	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Chlorobenzene	0.14	U	0.14	0.034	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Chlorobromomethane	0.14	U	0.14	0.043	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Chlorodibromomethane	0.14	U	0.14	0.031	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Chloroethane	0.14	U	0.14	0.053	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Chloroform	0.14	U	0.14	0.031	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Chloromethane	0.14	U	0.14	0.057	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
cis-1,2-Dichloroethene	0.14	U	0.14	0.037	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
cis-1,3-Dichloropropene	0.14	U	0.14	0.032	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Cyclohexane	0.14	U	0.14	0.037	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Dichlorobromomethane	0.14	U	0.14	0.021	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Dichlorodifluoromethane	0.14	U	0.14	0.044	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Ethylbenzene	0.14	U	0.14	0.043	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Ethylene Dibromide	0.14	U	0.14	0.027	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Isopropylbenzene	**0.69**		0.14	0.045	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Methyl acetate	0.71	U	0.71	0.11	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Methyl tert-butyl ether	0.14	U	0.14	0.030	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Methylcyclohexane	0.14	U	0.14	0.10	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Methylene Chloride	0.14	U	0.14	0.030	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
m-Xylene & p-Xylene	0.14	U	0.14	0.040	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
o-Xylene	0.14	U	0.14	0.045	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Styrene	0.14	U	0.14	0.024	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
TBA	1.4	U	1.4	1.2	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Tetrachloroethene	0.14	U	0.14	0.051	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Toluene	0.14	U	0.14	0.036	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
trans-1,2-Dichloroethene	0.14	U	0.14	0.026	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
trans-1,3-Dichloropropene	0.14	U	0.14	0.032	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Trichloroethene	0.14	U	0.14	0.031	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50

Client Sample ID: SRI-B2-3_13-15_20250519
Lab Sample ID: 460-326644-39

Date Collected: 05/19/25 15:10
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.14	U	0.14	0.045	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Vinyl chloride	0.14	U	0.14	0.028	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*13*	*J*	*mg/Kg*	☼	*9.08*	*N/A*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Unknown	*8.1*	*J*	*mg/Kg*	☼	*10.03*	*N/A*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Unknown	*26*	*J*	*mg/Kg*	☼	*10.43*	*N/A*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Benzene, 1,2-diethyl-	*11*	*J N*	*mg/Kg*	☼	*10.50*	*135-01-3*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Benzene, 2-ethyl-1,4-dimethyl-	*59*	*J N*	*mg/Kg*	☼	*10.82*	*1758-88-9*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Benzene, (2-methyl-1-propenyl)-	*9.0*	*J N*	*mg/Kg*	☼	*10.91*	*768-49-0*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Benzene, 1,2,4,5-tetramethyl-	*36*	*J N*	*mg/Kg*	☼	*11.13*	*95-93-2*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Benzene, 2-ethenyl-1,4-dimethyl-	*12*	*J N*	*mg/Kg*	☼	*11.38*	*2039-89-6*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
1-Phenyl-1-butene	*37*	*J N*	*mg/Kg*	☼	*11.49*	*824-90-8*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
4-tert-Butyltoluene	*7.3*	*J N*	*mg/Kg*	☼	*11.76*	*98-51-1*	*05/21/25 12:05*	*05/27/25 19:07*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*60 - 150*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
4-Bromofluorobenzene	*125*		*70 - 150*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Dibromofluoromethane (Surr)	*114*		*68 - 150*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Toluene-d8 (Surr)	*114*		*64 - 157*	*05/21/25 12:05*	*05/27/25 19:07*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.5**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**87.5**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-3_8-10_20250519
Lab Sample ID: 460-326644-40

Date Collected: 05/19/25 15:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00027	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00035	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
2-Butanone (MEK)	0.0058	U *	0.0058	0.00043	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Acetone	**0.21**		0.0069	0.0066	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Acrolein	0.12	U	0.12	0.032	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1

Client Sample ID: SRI-B2-3_8-10_20250519
Lab Sample ID: 460-326644-40

Date Collected: 05/19/25 15:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrylonitrile	0.012	U	0.012	0.0056	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
TBA	**0.21**		0.012	0.0091	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:41*	*05/25/25 20:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*05/21/25 12:41*	*05/25/25 20:31*	*1*
4-Bromofluorobenzene	*113*		*71 - 128*	*05/21/25 12:41*	*05/25/25 20:31*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*05/21/25 12:41*	*05/25/25 20:31*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/21/25 12:41*	*05/25/25 20:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**91.2**		1.0	1.0	%			05/23/25 06:02	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-3_17-19_20250519
Lab Sample ID: 460-326644-41
Date Collected: 05/19/25 15:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.099	U	0.099	0.028	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,1,2,2-Tetrachloroethane	0.099	U	0.099	0.020	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.099	U	0.099	0.034	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,1,2-Trichloroethane	0.099	U	0.099	0.020	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,1-Dichloroethane	0.099	U	0.099	0.024	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,1-Dichloroethene	0.099	U	0.099	0.026	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,2,3-Trichlorobenzene	0.099	U	0.099	0.035	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,2,4-Trichlorobenzene	0.099	U	0.099	0.027	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,2-Dibromo-3-Chloropropane	0.099	U	0.099	0.021	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,2-Dichlorobenzene	0.099	U	0.099	0.022	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,2-Dichloroethane	0.099	U	0.099	0.025	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,2-Dichloropropane	0.099	U	0.099	0.018	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,3-Dichlorobenzene	0.099	U	0.099	0.033	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,4-Dichlorobenzene	0.099	U	0.099	0.033	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
2-Butanone (MEK)	0.49	U	0.49	0.22	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
2-Hexanone	0.49	U	0.49	0.11	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
4-Methyl-2-pentanone (MIBK)	0.49	U	0.49	0.13	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Acetone	0.49	U	0.49	0.44	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Acrolein	0.49	U	0.49	0.24	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Acrylonitrile	0.99	U	0.99	0.18	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Benzene	0.099	U	0.099	0.020	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Bromoform	0.099	U	0.099	0.018	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Bromomethane	0.099	U	0.099	0.055	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Carbon disulfide	0.099	U *	0.099	0.067	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Carbon tetrachloride	0.099	U	0.099	0.033	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Chlorobenzene	0.099	U	0.099	0.024	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Chlorobromomethane	0.099	U	0.099	0.030	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Chlorodibromomethane	0.099	U	0.099	0.022	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Chloroethane	0.099	U	0.099	0.037	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Chloroform	0.099	U	0.099	0.022	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Chloromethane	0.099	U	0.099	0.040	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
cis-1,2-Dichloroethene	0.099	U	0.099	0.026	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
cis-1,3-Dichloropropene	0.099	U	0.099	0.022	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Cyclohexane	0.099	U	0.099	0.026	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Dichlorobromomethane	0.099	U	0.099	0.015	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Dichlorodifluoromethane	0.099	U	0.099	0.031	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Ethylbenzene	0.099	U	0.099	0.030	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Ethylene Dibromide	0.099	U	0.099	0.019	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Isopropylbenzene	0.099	U	0.099	0.032	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Methyl acetate	**0.15**	**J**	0.49	0.078	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Methyl tert-butyl ether	0.099	U	0.099	0.021	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Methylcyclohexane	0.099	U	0.099	0.072	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Methylene Chloride	0.099	U	0.099	0.021	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
m-Xylene & p-Xylene	0.099	U	0.099	0.028	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
o-Xylene	0.099	U	0.099	0.032	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Styrene	0.099	U	0.099	0.017	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
TBA	0.99	U	0.99	0.82	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Tetrachloroethene	0.099	U	0.099	0.036	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Toluene	0.099	U	0.099	0.025	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50

Client Sample ID: SRI-B2-3_17-19_20250519
Lab Sample ID: 460-326644-41

Date Collected: 05/19/25 15:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.099	U	0.099	0.018	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
trans-1,3-Dichloropropene	0.099	U	0.099	0.022	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Trichloroethene	0.099	U	0.099	0.022	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Trichlorofluoromethane	0.099	U	0.099	0.032	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Vinyl chloride	0.099	U	0.099	0.020	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Pentane, 2,2,4-trimethyl-	*14*	*J N*	*mg/Kg*	☼	*3.84*	*540-84-1*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Hexane, 2,5-dimethyl-	*2.0*	*J N*	*mg/Kg*	☼	*4.57*	*592-13-2*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Hexane, 2,4-dimethyl-	*1.8*	*J N*	*mg/Kg*	☼	*4.64*	*589-43-5*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Pentane, 2,3,4-trimethyl-	*9.9*	*J N*	*mg/Kg*	☼	*5.03*	*565-75-3*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Pentane, 2,3,3-trimethyl-	*10*	*J N*	*mg/Kg*	☼	*5.17*	*560-21-4*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Hexane, 2,2,4-trimethyl-	*10*	*J N*	*mg/Kg*	☼	*5.61*	*16747-26-5*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Decane, 2,2,6-trimethyl-	*1.6*	*J N*	*mg/Kg*	☼	*7.67*	*62237-97-2*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Heptane, 3,3,5-trimethyl-	*1.6*	*J N*	*mg/Kg*	☼	*8.09*	*7154-80-5*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Unknown	*4.6*	*J*	*mg/Kg*	☼	*9.08*	*N/A*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Unknown	*1.6*	*J*	*mg/Kg*	☼	*10.03*	*N/A*	*05/21/25 12:09*	*05/28/25 03:06*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*60 - 150*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
4-Bromofluorobenzene	*126*		*70 - 150*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Dibromofluoromethane (Surr)	*118*		*68 - 150*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Toluene-d8 (Surr)	*119*		*64 - 157*	*05/21/25 12:09*	*05/28/25 03:06*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**89.6**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-4_3-5_20250519
Lab Sample ID: 460-326644-42

Date Collected: 05/19/25 15:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-4_3-5_20250519
Lab Sample ID: 460-326644-42
Date Collected: 05/19/25 15:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Acetone	**0.20**		0.0070	0.0066	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Acrolein	0.12	U	0.12	0.032	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Acrylonitrile	0.012	U *	0.012	0.0056	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Chloromethane	0.0012	U *	0.0012	0.00050	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
TBA	**0.045**		0.012	0.0091	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
trans-1,3-Dichloropropene	0.0012	U *	0.0012	0.00031	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Vinyl chloride	0.0012	U *	0.0012	0.00063	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0081*	*J*	*mg/Kg*	☼	*12.04*	*N/A*	*05/21/25 12:43*	*05/24/25 02:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*	*05/21/25 12:43*	*05/24/25 02:33*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/21/25 12:43*	*05/24/25 02:33*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*05/21/25 12:43*	*05/24/25 02:33*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*05/21/25 12:43*	*05/24/25 02:33*	*1*

Client Sample ID: SRI-B2-4_3-5_20250519
Lab Sample ID: 460-326644-42

Date Collected: 05/19/25 15:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.6

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.4		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	91.6		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-4_7-9_20250519
Lab Sample ID: 460-326644-43

Date Collected: 05/19/25 15:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Acetone	0.032		0.0066	0.0063	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Acrylonitrile	0.011	U *	0.011	0.0053	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Chloromethane	0.0011	U *	0.0011	0.00048	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1

Client Sample ID: SRI-B2-4_7-9_20250519
Lab Sample ID: 460-326644-43

Date Collected: 05/19/25 15:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
TBA	**0.022**		0.011	0.0086	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
trans-1,3-Dichloropropene	0.0011	U *	0.0011	0.00029	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Vinyl chloride	0.0011	U *	0.0011	0.00060	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:46*	*05/24/25 02:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*	*05/21/25 12:46*	*05/24/25 02:58*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*	*05/21/25 12:46*	*05/24/25 02:58*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*05/21/25 12:46*	*05/24/25 02:58*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*05/21/25 12:46*	*05/24/25 02:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.5**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**96.5**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-4_13-15_20250519
Lab Sample ID: 460-326644-44

Date Collected: 05/19/25 15:40
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00042	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-4_13-15_20250519
Lab Sample ID: 460-326644-44
Date Collected: 05/19/25 15:40
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.16		0.0069	0.0066	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Acrolein	0.12	U	0.12	0.032	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Acrylonitrile	0.012	U *	0.012	0.0056	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Benzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Chlorobenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Chloromethane	0.0012	U *	0.0012	0.00050	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Cyclohexane	0.0012	U	0.0012	0.00025	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
TBA	0.038		0.012	0.0090	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
trans-1,3-Dichloropropene	0.0012	U *	0.0012	0.00031	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Vinyl chloride	0.0012	U *	0.0012	0.00063	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0060*	*J*	*mg/Kg*	☼	*12.04*	*N/A*	*05/21/25 12:44*	*05/24/25 03:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*05/21/25 12:44*	*05/24/25 03:23*	*1*
4-Bromofluorobenzene	*79*		*71 - 128*	*05/21/25 12:44*	*05/24/25 03:23*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*05/21/25 12:44*	*05/24/25 03:23*	*1*
Toluene-d8 (Surr)	*86*		*71 - 126*	*05/21/25 12:44*	*05/24/25 03:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.7		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-4_13-15_20250519
Lab Sample ID: 460-326644-44
Date Collected: 05/19/25 15:40
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.3

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	92.3		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-A4-4_3_5_20250521
Lab Sample ID: 460-326694-1
Date Collected: 05/21/25 08:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,2-Dibromo-3-Chloropropane	0.0011	U *	0.0011	0.00052	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Acrylonitrile	0.011	U	0.011	0.0055	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Methyl acetate	0.0057	U *	0.0057	0.0049	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1

Client Sample ID: SRI-A4-4_3_5_20250521
Lab Sample ID: 460-326694-1
Date Collected: 05/21/25 08:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
TBA	**0.012**		0.011	0.0089	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 07:20*	*06/02/25 14:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/23/25 07:20*	*06/02/25 14:03*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*	*05/23/25 07:20*	*06/02/25 14:03*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*05/23/25 07:20*	*06/02/25 14:03*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/23/25 07:20*	*06/02/25 14:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.9**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**90.1**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-A4-4_6-8_20250521
Lab Sample ID: 460-326694-2
Date Collected: 05/21/25 08:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0019	U	0.0019	0.00045	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,1,2,2-Tetrachloroethane	0.0019	U	0.0019	0.0010	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0019	U *	0.0019	0.00058	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,1,2-Trichloroethane	0.0019	U	0.0019	0.0012	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,1-Dichloroethane	0.0019	U *	0.0019	0.0011	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,1-Dichloroethene	0.0019	U	0.0019	0.00043	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,2,3-Trichlorobenzene	0.0019	U	0.0019	0.0014	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,2,4-Trichlorobenzene	0.0019	U	0.0019	0.00069	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,2-Dibromo-3-Chloropropane	0.0019	U	0.0019	0.00089	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,2-Dichlorobenzene	0.0019	U	0.0019	0.00069	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,2-Dichloroethane	0.0019	U	0.0019	0.00057	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,2-Dichloropropane	0.0019	U	0.0019	0.00081	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,3-Dichlorobenzene	0.0019	U	0.0019	0.00070	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,4-Dichlorobenzene	0.0019	U	0.0019	0.0010	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
2-Butanone (MEK)	0.0096	U	0.0096	0.00071	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
2-Hexanone	0.0096	U	0.0096	0.0033	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
4-Methyl-2-pentanone (MIBK)	0.0096	U	0.0096	0.0030	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Acetone	**0.026**		0.012	0.011	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1

Client Sample ID: SRI-A4-4_6-8_20250521
Lab Sample ID: 460-326694-2
Date Collected: 05/21/25 08:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.19	U	0.19	0.054	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Acrylonitrile	0.019	U	0.019	0.0094	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Benzene	0.0019	U	0.0019	0.0011	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Bromoform	0.0019	U	0.0019	0.00082	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Bromomethane	0.0039	U	0.0039	0.0019	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Carbon disulfide	**0.00058**	**J**	0.0019	0.00051	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Carbon tetrachloride	0.0019	U	0.0019	0.00075	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Chlorobenzene	0.0019	U	0.0019	0.00098	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Chlorobromomethane	0.0019	U	0.0019	0.0011	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Chlorodibromomethane	0.0019	U	0.0019	0.0010	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Chloroethane	0.0019	U	0.0019	0.0010	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Chloroform	0.0019	U	0.0019	0.0019	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Chloromethane	0.0019	U	0.0019	0.00084	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
cis-1,2-Dichloroethene	0.0019	U	0.0019	0.00069	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
cis-1,3-Dichloropropene	0.0019	U	0.0019	0.00053	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Cyclohexane	0.0019	U	0.0019	0.00043	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Dichlorobromomethane	0.0019	U	0.0019	0.00049	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Dichlorodifluoromethane	0.0019	U	0.0019	0.00065	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Ethylbenzene	0.0019	U	0.0019	0.00090	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Ethylene Dibromide	0.0019	U	0.0019	0.00097	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Isopropylbenzene	0.0019	U	0.0019	0.00055	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Methyl acetate	0.0096	U *	0.0096	0.0083	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Methyl tert-butyl ether	0.0019	U	0.0019	0.00099	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Methylcyclohexane	0.0019	U	0.0019	0.00096	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Methylene Chloride	0.0039	U	0.0039	0.0022	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
m-Xylene & p-Xylene	**0.00096**	**J**	0.0019	0.00081	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
o-Xylene	0.0019	U	0.0019	0.00089	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Styrene	0.0019	U	0.0019	0.00054	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
TBA	**0.055**		0.019	0.015	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Tetrachloroethene	0.0019	U	0.0019	0.00059	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Toluene	**0.00051**	**J**	0.0019	0.00045	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
trans-1,2-Dichloroethene	0.0019	U *	0.0019	0.00047	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
trans-1,3-Dichloropropene	0.0019	U	0.0019	0.00051	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Trichloroethene	0.0019	U	0.0019	0.00062	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Trichlorofluoromethane	0.0019	U	0.0019	0.00078	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Vinyl chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 07:21*	*05/31/25 14:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/23/25 07:21*	*05/31/25 14:34*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*05/23/25 07:21*	*05/31/25 14:34*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*05/23/25 07:21*	*05/31/25 14:34*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/23/25 07:21*	*05/31/25 14:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.9**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**94.1**		1.0	1.0	%			05/23/25 06:02	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A4-3_3-5_20250521
Lab Sample ID: 460-326694-3
Date Collected: 05/21/25 08:30
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0013	0.00038	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,1-Dichloroethane	0.0013	U *	0.0013	0.00076	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00094	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00047	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Acetone	**0.0076**		0.0076	0.0073	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Acrolein	0.13	U	0.13	0.036	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Acrylonitrile	0.013	U	0.013	0.0062	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Methyl acetate	0.0063	U *	0.0063	0.0055	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Methylene Chloride	0.0025	U	0.0025	0.0015	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
TBA	**0.019**		0.013	0.0099	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Toluene	**0.00036**	**J**	0.0013	0.00030	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1

Client Sample ID: SRI-A4-3_3-5_20250521
Lab Sample ID: 460-326694-3

Date Collected: 05/21/25 08:30
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.0013	U *	0.0013	0.00031	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 07:21*	*05/31/25 14:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/23/25 07:21*	*05/31/25 14:58*	*1*
4-Bromofluorobenzene	*120*		*71 - 128*	*05/23/25 07:21*	*05/31/25 14:58*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*05/23/25 07:21*	*05/31/25 14:58*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*05/23/25 07:21*	*05/31/25 14:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.0**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**89.0**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-A4-3_8-10_20250521
Lab Sample ID: 460-326694-4

Date Collected: 05/21/25 08:40
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0013	0.00039	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00096	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,2-Dibromo-3-Chloropropane	0.0013	U *	0.0013	0.00060	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Acetone	**0.022**		0.0078	0.0074	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Acrolein	0.13	U	0.13	0.036	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Acrylonitrile	0.013	U	0.013	0.0063	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1

Client Sample ID: SRI-A4-3_8-10_20250521
Lab Sample ID: 460-326694-4

Date Collected: 05/21/25 08:40
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Chlorobromomethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Methyl acetate	0.0065	U *	0.0065	0.0056	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
TBA	**0.039**		0.013	0.010	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Vinyl chloride	0.0013	U	0.0013	0.00071	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 07:22*	*06/02/25 13:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*05/23/25 07:22*	*06/02/25 13:40*	*1*
4-Bromofluorobenzene	*110*		*71 - 128*	*05/23/25 07:22*	*06/02/25 13:40*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*05/23/25 07:22*	*06/02/25 13:40*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/23/25 07:22*	*06/02/25 13:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**92.2**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-A4-3_10-12_20250521
Lab Sample ID: 460-326694-5

Date Collected: 05/21/25 08:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A4-3_10-12_20250521
Lab Sample ID: 460-326694-5
Date Collected: 05/21/25 08:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,2,4-Trichlorobenzene	0.0013	U *	0.0013	0.00045	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00047	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Acetone	**0.042**		0.0076	0.0072	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Acrolein	0.13	U	0.13	0.035	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Acrylonitrile	0.013	U	0.013	0.0062	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Methylene Chloride	0.0025	U	0.0025	0.0015	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
TBA	**0.018**		0.013	0.0099	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1

Client Sample ID: SRI-A4-3_10-12_20250521
Lab Sample ID: 460-326694-5

Date Collected: 05/21/25 08:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0013	U *	0.0013	0.00034	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Naphthalene	*0.013*	*J N*	*mg/Kg*	☼	*11.29*	*91-20-3*	*05/23/25 07:52*	*05/27/25 02:39*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/23/25 07:52*	*05/27/25 02:39*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*05/23/25 07:52*	*05/27/25 02:39*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/23/25 07:52*	*05/27/25 02:39*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*05/23/25 07:52*	*05/27/25 02:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.0**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**91.0**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-X-5_3-5_20250521
Lab Sample ID: 460-326694-6

Date Collected: 05/21/25 08:35
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00098	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00061	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00056	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
2-Butanone (MEK)	0.0067	U	0.0067	0.00049	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
2-Hexanone	0.0067	U	0.0067	0.0023	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.0021	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Acetone	0.0080	U	0.0080	0.0076	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Acrolein	0.13	U	0.13	0.037	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Acrylonitrile	0.013	U	0.013	0.0065	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Benzene	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Bromoform	0.0013	U	0.0013	0.00057	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Bromomethane	0.0027	U	0.0027	0.0013	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Carbon tetrachloride	0.0013	U	0.0013	0.00052	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Chlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1

Client Sample ID: SRI-X-5_3-5_20250521

Date Collected: 05/21/25 08:35
Date Received: 05/22/25 16:00

Lab Sample ID: 460-326694-6
Matrix: Solid
Percent Solids: 91.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Chlorodibromomethane	0.0013	U	0.0013	0.00071	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Chloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Chloromethane	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Ethylbenzene	0.0013	U	0.0013	0.00062	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Ethylene Dibromide	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Methyl acetate	0.0067	U	0.0067	0.0057	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Methylcyclohexane	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Methylene Chloride	0.0027	U	0.0027	0.0015	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00056	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
o-Xylene	0.0013	U	0.0013	0.00061	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
TBA	**0.013**		0.013	0.010	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Tetrachloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Trichloroethene	0.0013	U	0.0013	0.00043	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Vinyl chloride	0.0013	U	0.0013	0.00073	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 07:25*	*05/29/25 23:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/23/25 07:25*	*05/29/25 23:42*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/23/25 07:25*	*05/29/25 23:42*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*05/23/25 07:25*	*05/29/25 23:42*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/23/25 07:25*	*05/29/25 23:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**91.2**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-FB-5_20250521

Date Collected: 05/21/25 09:00
Date Received: 05/22/25 16:00

Lab Sample ID: 460-326694-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/27/25 20:01	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/27/25 20:01	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-FB-5_20250521
Lab Sample ID: 460-326694-7
Date Collected: 05/21/25 09:00
Matrix: Water
Date Received: 05/22/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/27/25 20:01	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/27/25 20:01	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/27/25 20:01	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/27/25 20:01	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/27/25 20:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/27/25 20:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/27/25 20:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/27/25 20:01	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/27/25 20:01	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/27/25 20:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/27/25 20:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/27/25 20:01	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/27/25 20:01	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/27/25 20:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/27/25 20:01	1
Acetone	5.0	U	5.0	4.4	ug/L			05/27/25 20:01	1
Acrolein	4.0	U *	4.0	2.4	ug/L			05/27/25 20:01	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/27/25 20:01	1
Benzene	0.45	U	0.45	0.070	ug/L			05/27/25 20:01	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/27/25 20:01	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/27/25 20:01	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/27/25 20:01	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/27/25 20:01	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/27/25 20:01	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/27/25 20:01	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/27/25 20:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/27/25 20:01	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/27/25 20:01	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/27/25 20:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/27/25 20:01	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/27/25 20:01	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/27/25 20:01	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/27/25 20:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/27/25 20:01	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/27/25 20:01	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/27/25 20:01	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/27/25 20:01	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/27/25 20:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/27/25 20:01	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/27/25 20:01	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/27/25 20:01	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/27/25 20:01	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/27/25 20:01	1
Styrene	1.0	U	1.0	0.42	ug/L			05/27/25 20:01	1
TBA	10	U	10	8.3	ug/L			05/27/25 20:01	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/27/25 20:01	1
Toluene	1.0	U	1.0	0.38	ug/L			05/27/25 20:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/27/25 20:01	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/27/25 20:01	1

Client Sample ID: SRI-FB-5_20250521
Lab Sample ID: 460-326694-7

Date Collected: 05/21/25 09:00
Matrix: Water
Date Received: 05/22/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/27/25 20:01	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/27/25 20:01	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/27/25 20:01	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/27/25 20:01*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*		*05/27/25 20:01*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*05/27/25 20:01*	*1*
Dibromofluoromethane (Surr)	*125*		*77 - 132*		*05/27/25 20:01*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/27/25 20:01*	*1*

Client Sample ID: SRI-FB-6_20250521
Lab Sample ID: 460-326694-8

Date Collected: 05/21/25 09:00
Matrix: Water
Date Received: 05/22/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/27/25 20:21	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/27/25 20:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/27/25 20:21	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/27/25 20:21	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/27/25 20:21	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/27/25 20:21	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/27/25 20:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/27/25 20:21	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/27/25 20:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/27/25 20:21	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/27/25 20:21	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/27/25 20:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/27/25 20:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/27/25 20:21	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/27/25 20:21	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/27/25 20:21	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/27/25 20:21	1
Acetone	5.0	U	5.0	4.4	ug/L			05/27/25 20:21	1
Acrolein	4.0	U *	4.0	2.4	ug/L			05/27/25 20:21	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/27/25 20:21	1
Benzene	0.45	U	0.45	0.070	ug/L			05/27/25 20:21	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/27/25 20:21	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/27/25 20:21	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/27/25 20:21	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/27/25 20:21	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/27/25 20:21	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/27/25 20:21	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/27/25 20:21	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/27/25 20:21	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/27/25 20:21	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/27/25 20:21	1

Client Sample ID: SRI-FB-6_20250521
Lab Sample ID: 460-326694-8

Date Collected: 05/21/25 09:00
Matrix: Water
Date Received: 05/22/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/27/25 20:21	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/27/25 20:21	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/27/25 20:21	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/27/25 20:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/27/25 20:21	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/27/25 20:21	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/27/25 20:21	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/27/25 20:21	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/27/25 20:21	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/27/25 20:21	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/27/25 20:21	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/27/25 20:21	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/27/25 20:21	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/27/25 20:21	1
Styrene	1.0	U	1.0	0.42	ug/L			05/27/25 20:21	1
TBA	10	U	10	8.3	ug/L			05/27/25 20:21	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/27/25 20:21	1
Toluene	1.0	U	1.0	0.38	ug/L			05/27/25 20:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/27/25 20:21	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/27/25 20:21	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/27/25 20:21	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/27/25 20:21	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/27/25 20:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/27/25 20:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*		*05/27/25 20:21*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*05/27/25 20:21*	*1*
Dibromofluoromethane (Surr)	*126*		*77 - 132*		*05/27/25 20:21*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/27/25 20:21*	*1*

Client Sample ID: SRI-B3-4_3-5_20250521
Lab Sample ID: 460-326694-9

Date Collected: 05/21/25 10:05
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1

Client Sample ID: SRI-B3-4_3-5_20250521
Lab Sample ID: 460-326694-9
Date Collected: 05/21/25 10:05
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Acetone	**0.013**		0.0066	0.0063	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Acrylonitrile	0.011	U	0.011	0.0053	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
TBA	**0.047**		0.011	0.0086	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 09:47*	*05/27/25 00:32*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/23/25 09:47*	*05/27/25 00:32*	*1*
4-Bromofluorobenzene	*122*		*71 - 128*	*05/23/25 09:47*	*05/27/25 00:32*	*1*

Client Sample ID: SRI-B3-4_3-5_20250521
Lab Sample ID: 460-326694-9

Date Collected: 05/21/25 10:05
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*05/23/25 09:47*	*05/27/25 00:32*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*	*05/23/25 09:47*	*05/27/25 00:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.6**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**90.4**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-4_6-8_20250521
Lab Sample ID: 460-326694-10

Date Collected: 05/21/25 10:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00035	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Acetone	0.0070	U	0.0070	0.0066	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Acrolein	0.12	U	0.12	0.033	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Acrylonitrile	0.012	U	0.012	0.0057	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1

Client Sample ID: SRI-B3-4_6-8_20250521
Lab Sample ID: 460-326694-10

Date Collected: 05/21/25 10:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
TBA	**0.016**		0.012	0.0091	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 09:47*	*05/27/25 00:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*65 - 138*	*05/23/25 09:47*	*05/27/25 00:56*	*1*
4-Bromofluorobenzene	*140*	*	*71 - 128*	*05/23/25 09:47*	*05/27/25 00:56*	*1*
Dibromofluoromethane (Surr)	*127*		*50 - 150*	*05/23/25 09:47*	*05/27/25 00:56*	*1*
Toluene-d8 (Surr)	*118*		*71 - 126*	*05/23/25 09:47*	*05/27/25 00:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.5**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**90.5**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-4_13-15_20250521
Lab Sample ID: 460-326694-11

Date Collected: 05/21/25 10:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.084	U	0.084	0.024	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,1,2,2-Tetrachloroethane	0.084	U	0.084	0.017	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.084	U	0.084	0.029	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,1,2-Trichloroethane	0.084	U	0.084	0.017	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,1-Dichloroethane	0.084	U	0.084	0.020	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,1-Dichloroethene	0.084	U	0.084	0.022	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,2,3-Trichlorobenzene	0.084	U *	0.084	0.030	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,2,4-Trichlorobenzene	0.084	U	0.084	0.023	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,2-Dibromo-3-Chloropropane	0.084	U	0.084	0.018	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,2-Dichlorobenzene	0.084	U	0.084	0.019	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,2-Dichloroethane	0.084	U	0.084	0.021	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,2-Dichloropropane	0.084	U	0.084	0.015	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50

Client Sample ID: SRI-B3-4_13-15_20250521
Lab Sample ID: 460-326694-11
Date Collected: 05/21/25 10:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.084	U	0.084	0.028	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,4-Dichlorobenzene	0.084	U	0.084	0.028	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
2-Butanone (MEK)	0.42	U	0.42	0.19	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
2-Hexanone	0.42	U	0.42	0.096	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
4-Methyl-2-pentanone (MIBK)	0.42	U	0.42	0.11	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Acetone	0.42	U	0.42	0.37	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Acrolein	0.42	U	0.42	0.20	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Acrylonitrile	0.84	U	0.84	0.15	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Benzene	0.084	U	0.084	0.017	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Bromoform	0.084	U	0.084	0.015	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Bromomethane	0.084	U	0.084	0.047	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Carbon disulfide	0.084	U	0.084	0.057	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Carbon tetrachloride	0.084	U	0.084	0.028	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Chlorobenzene	0.084	U	0.084	0.020	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Chlorobromomethane	0.084	U	0.084	0.025	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Chlorodibromomethane	0.084	U	0.084	0.019	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Chloroethane	0.084	U	0.084	0.031	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Chloroform	0.084	U	0.084	0.019	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Chloromethane	0.084	U	0.084	0.034	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
cis-1,2-Dichloroethene	0.084	U	0.084	0.022	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
cis-1,3-Dichloropropene	0.084	U	0.084	0.019	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Cyclohexane	0.084	U	0.084	0.022	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Dichlorobromomethane	0.084	U	0.084	0.013	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Dichlorodifluoromethane	0.084	U	0.084	0.026	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Ethylbenzene	**0.31**		0.084	0.025	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Ethylene Dibromide	0.084	U	0.084	0.016	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Isopropylbenzene	**0.55**		0.084	0.027	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Methyl acetate	0.42	U	0.42	0.066	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Methyl tert-butyl ether	0.084	U	0.084	0.018	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Methylcyclohexane	0.084	U	0.084	0.061	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Methylene Chloride	0.084	U	0.084	0.018	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
m-Xylene & p-Xylene	**1.3**		0.084	0.024	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
o-Xylene	**0.35**		0.084	0.027	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Styrene	0.084	U	0.084	0.014	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
TBA	0.84	U	0.84	0.70	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Tetrachloroethene	0.084	U	0.084	0.030	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Toluene	0.084	U	0.084	0.021	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
trans-1,2-Dichloroethene	0.084	U	0.084	0.015	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
trans-1,3-Dichloropropene	0.084	U	0.084	0.019	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Trichloroethene	0.084	U	0.084	0.019	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Trichlorofluoromethane	0.084	U	0.084	0.027	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Vinyl chloride	0.084	U	0.084	0.017	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1,2,4-trimethyl-	*28*	*J N*	*mg/Kg*	☼	*9.90*	*95-63-6*	*05/23/25 09:34*	*05/27/25 18:21*	*50*
Benzene, 1,2,3-trimethyl-	*7.6*	*J N*	*mg/Kg*	☼	*10.28*	*526-73-8*	*05/23/25 09:34*	*05/27/25 18:21*	*50*
Benzene, 1,3-diethyl-	*11*	*J N*	*mg/Kg*	☼	*10.43*	*141-93-5*	*05/23/25 09:34*	*05/27/25 18:21*	*50*
Benzene, 2-ethyl-1,4-dimethyl-	*14*	*J N*	*mg/Kg*	☼	*10.51*	*1758-88-9*	*05/23/25 09:34*	*05/27/25 18:21*	*50*
Benzene, 1-ethyl-2,3-dimethyl-	*7.9*	*J N*	*mg/Kg*	☼	*10.73*	*933-98-2*	*05/23/25 09:34*	*05/27/25 18:21*	*50*
Benzene, 1-ethyl-2,4-dimethyl-	*7.9*	*J N*	*mg/Kg*	☼	*10.76*	*874-41-9*	*05/23/25 09:34*	*05/27/25 18:21*	*50*

Client Sample ID: SRI-B3-4_13-15_20250521
Lab Sample ID: 460-326694-11
Date Collected: 05/21/25 10:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Benzene, 4-ethyl-1,2-dimethyl-	14	J N	mg/Kg	☼	10.82	934-80-5	05/23/25 09:34	05/27/25 18:21	50
Benzene, 1,2,4,5-tetramethyl-	8.3	J N	mg/Kg	☼	11.13	95-93-2	05/23/25 09:34	05/27/25 18:21	50
Benzene, 1,2,3,4-tetramethyl-	11	J N	mg/Kg	☼	11.17	488-23-3	05/23/25 09:34	05/27/25 18:21	50
1-Phenyl-1-butene	14	J N	mg/Kg	☼	11.49	824-90-8	05/23/25 09:34	05/27/25 18:21	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		60 - 150	05/23/25 09:34	05/27/25 18:21	50
4-Bromofluorobenzene	117		70 - 150	05/23/25 09:34	05/27/25 18:21	50
Dibromofluoromethane (Surr)	114		68 - 150	05/23/25 09:34	05/27/25 18:21	50
Toluene-d8 (Surr)	106		64 - 157	05/23/25 09:34	05/27/25 18:21	50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.6**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**96.4**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-4_16-18_20250521
Lab Sample ID: 460-326694-12
Date Collected: 05/21/25 10:20
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 95.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U *	0.00096	0.00029	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
2-Butanone (MEK)	**0.0051**		0.0048	0.00035	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Acetone	**0.022**		0.0058	0.0055	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Acrolein	0.096	U	0.096	0.027	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Acrylonitrile	0.0096	U	0.0096	0.0047	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Benzene	0.00096	U	0.00096	0.00055	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Carbon disulfide	**0.0011**		0.00096	0.00026	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Chlorodibromomethane	0.00096	U	0.00096	0.00052	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1

Client Sample ID: SRI-B3-4_16-18_20250521
Lab Sample ID: 460-326694-12

Date Collected: 05/21/25 10:20
Matrix: Solid

Date Received: 05/22/25 16:00
Percent Solids: 95.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00033	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Ethylbenzene	**0.032**		0.00096	0.00045	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Isopropylbenzene	**0.054**		0.00096	0.00027	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Methylcyclohexane	**0.038**		0.00096	0.00048	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
m-Xylene & p-Xylene	**0.15**		0.00096	0.00041	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
o-Xylene	**0.048**		0.00096	0.00044	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
TBA	**0.024**		0.0096	0.0075	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Toluene	**0.00034**	**J**	0.00096	0.00023	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Vinyl chloride	0.00096	U	0.00096	0.00053	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Pentane, 2,3,4-trimethyl-	*0.66*	*J N*	*mg/Kg*	☼	*6.17*	*565-75-3*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Unknown	*0.94*	*J*	*mg/Kg*	☼	*6.33*	*N/A*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Heptane, 3-methyl-	*1.0*	*J N*	*mg/Kg*	☼	*6.59*	*589-81-1*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Unknown	*0.67*	*J*	*mg/Kg*	☼	*6.79*	*N/A*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Heptane, 2,4-dimethyl-	*0.50*	*J N*	*mg/Kg*	☼	*8.47*	*2213-23-2*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Unknown	*0.59*	*J*	*mg/Kg*	☼	*9.90*	*N/A*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Benzene, 1-ethyl-4-methyl-	*0.57*	*J N*	*mg/Kg*	☼	*10.30*	*622-96-8*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Unknown	*1.1*	*J*	*mg/Kg*	☼	*10.68*	*N/A*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Unknown	*0.60*	*J*	*mg/Kg*	☼	*11.19*	*N/A*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Benzene, 1,2-diethyl-	*0.81*	*J N*	*mg/Kg*	☼	*11.23*	*135-01-3*	*05/23/25 09:49*	*05/27/25 01:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
4-Bromofluorobenzene	*138*	*	*71 - 128*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*05/23/25 09:49*	*05/27/25 01:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.3**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**95.7**		1.0	1.0	%			05/23/25 06:02	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B3-2B_8-10_20250521
Lab Sample ID: 460-326694-13
Date Collected: 05/21/25 10:50
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 94.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00031	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Acetone	**0.016**		0.0061	0.0058	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Acrolein	0.10	U	0.10	0.028	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Chloroethane	0.0010	U *	0.0010	0.00053	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
TBA	**0.067**		0.010	0.0080	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1

Client Sample ID: SRI-B3-2B_8-10_20250521
Lab Sample ID: 460-326694-13
Date Collected: 05/21/25 10:50
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 94.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 09:50*	*05/27/25 19:02*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/23/25 09:50*	*05/27/25 19:02*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/23/25 09:50*	*05/27/25 19:02*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*05/23/25 09:50*	*05/27/25 19:02*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/23/25 09:50*	*05/27/25 19:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.5**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**94.5**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-2B_12-14_20250521
Lab Sample ID: 460-326694-14
Date Collected: 05/21/25 10:55
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00032	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Acetone	**0.027**		0.0064	0.0061	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Acrolein	0.11	U	0.11	0.030	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Acrylonitrile	0.011	U	0.011	0.0052	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1

Client Sample ID: SRI-B3-2B_12-14_20250521
Lab Sample ID: 460-326694-14
Date Collected: 05/21/25 10:55
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Chloroethane	0.0011	U *	0.0011	0.00056	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
TBA	**0.092**		0.011	0.0084	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 09:51*	*05/27/25 18:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/23/25 09:51*	*05/27/25 18:38*	*1*
4-Bromofluorobenzene	*113*		*71 - 128*	*05/23/25 09:51*	*05/27/25 18:38*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/23/25 09:51*	*05/27/25 18:38*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/23/25 09:51*	*05/27/25 18:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.0**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**93.0**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-2A_16-18_20250521
Lab Sample ID: 460-326694-15
Date Collected: 05/21/25 11:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B3-2A_16-18_20250521
Lab Sample ID: 460-326694-15
Date Collected: 05/21/25 11:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0013	0.00039	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00095	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,2-Dibromo-3-Chloropropane	0.0013	U *	0.0013	0.00059	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Acetone	**0.011**		0.0077	0.0073	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Acrolein	0.13	U	0.13	0.036	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Acrylonitrile	0.013	U	0.013	0.0062	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Benzene	0.0013	U	0.0013	0.00073	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Chlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Chlorodibromomethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Methyl acetate	0.0064	U *	0.0064	0.0055	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
TBA	**0.022**		0.013	0.010	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1

Client Sample ID: SRI-B3-2A_16-18_20250521
Lab Sample ID: 460-326694-15
Date Collected: 05/21/25 11:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 10:10*	*06/02/25 13:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/23/25 10:10*	*06/02/25 13:16*	*1*
4-Bromofluorobenzene	*111*		*71 - 128*	*05/23/25 10:10*	*06/02/25 13:16*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*05/23/25 10:10*	*06/02/25 13:16*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/23/25 10:10*	*06/02/25 13:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.9**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**89.1**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-3_8-10_20250521
Lab Sample ID: 460-326694-16
Date Collected: 05/21/25 11:30
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U *	0.0014	0.00042	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,1-Dichloroethane	0.0014	U *	0.0014	0.00084	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00065	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00060	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00073	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
2-Butanone (MEK)	0.0071	U	0.0071	0.00052	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
2-Hexanone	0.0071	U	0.0071	0.0024	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
4-Methyl-2-pentanone (MIBK)	0.0071	U	0.0071	0.0022	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Acetone	**0.030**		0.0085	0.0081	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Acrolein	0.14	U	0.14	0.040	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Acrylonitrile	0.014	U	0.014	0.0069	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Benzene	0.0014	U	0.0014	0.00080	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Bromoform	0.0014	U	0.0014	0.00060	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Carbon tetrachloride	0.0014	U	0.0014	0.00055	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Chlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1

Client Sample ID: SRI-B3-3_8-10_20250521
Lab Sample ID: 460-326694-16

Date Collected: 05/21/25 11:30
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Chlorodibromomethane	0.0014	U	0.0014	0.00076	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Chloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00051	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00048	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Ethylbenzene	0.0014	U	0.0014	0.00066	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Ethylene Dibromide	0.0014	U	0.0014	0.00071	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Methyl acetate	0.0071	U *	0.0071	0.0061	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Methylcyclohexane	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00060	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
o-Xylene	0.0014	U	0.0014	0.00065	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
TBA	**0.088**		0.014	0.011	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
trans-1,2-Dichloroethene	0.0014	U *	0.0014	0.00035	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Vinyl chloride	0.0014	U	0.0014	0.00077	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 10:12*	*05/31/25 15:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/23/25 10:12*	*05/31/25 15:21*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/23/25 10:12*	*05/31/25 15:21*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/23/25 10:12*	*05/31/25 15:21*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/23/25 10:12*	*05/31/25 15:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.4**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**96.6**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-3_13-15_20250521
Lab Sample ID: 460-326694-17

Date Collected: 05/21/25 11:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B3-3_13-15_20250521
Lab Sample ID: 460-326694-17
Date Collected: 05/21/25 11:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00030	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,1-Dichloroethane	0.0010	U *	0.0010	0.00060	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Acetone	**0.019**		0.0060	0.0057	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Acrolein	0.10	U	0.10	0.028	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Acrylonitrile	0.010	U	0.010	0.0048	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Chlorobromomethane	0.0010	U	0.0010	0.00059	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Methyl acetate	0.0050	U *	0.0050	0.0043	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
TBA	**0.045**		0.010	0.0078	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Tetrachloroethene	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
trans-1,2-Dichloroethene	0.0010	U *	0.0010	0.00025	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1

Client Sample ID: SRI-B3-3_13-15_20250521
Lab Sample ID: 460-326694-17

Date Collected: 05/21/25 11:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00040	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Vinyl chloride	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 10:14*	*05/31/25 15:45*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/23/25 10:14*	*05/31/25 15:45*	*1*
4-Bromofluorobenzene	*117*		*71 - 128*	*05/23/25 10:14*	*05/31/25 15:45*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*05/23/25 10:14*	*05/31/25 15:45*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*05/23/25 10:14*	*05/31/25 15:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.3**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**97.7**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-3_18-20_20250521
Lab Sample ID: 460-326694-18

Date Collected: 05/21/25 11:35
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 97.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00030	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,1-Dichloroethane	0.0010	U *	0.0010	0.00060	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Acetone	**0.020**		0.0060	0.0057	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Acrolein	0.10	U	0.10	0.028	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1

Client Sample ID: SRI-B3-3_18-20_20250521
Lab Sample ID: 460-326694-18
Date Collected: 05/21/25 11:35
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 97.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Methyl acetate	0.0050	U *	0.0050	0.0043	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
TBA	**0.053**		0.010	0.0078	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Tetrachloroethene	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
trans-1,2-Dichloroethene	0.0010	U *	0.0010	0.00025	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 10:13*	*05/31/25 16:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/23/25 10:13*	*05/31/25 16:56*	*1*
4-Bromofluorobenzene	*119*		*71 - 128*	*05/23/25 10:13*	*05/31/25 16:56*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*05/23/25 10:13*	*05/31/25 16:56*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/23/25 10:13*	*05/31/25 16:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.1**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**97.9**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-X-6_3-5_20250521
Lab Sample ID: 460-326694-19
Date Collected: 05/21/25 12:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 92.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U *	0.0014	0.00042	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-X-6_3-5_20250521
Lab Sample ID: 460-326694-19
Date Collected: 05/21/25 12:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 92.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,1-Dichloroethane	0.0014	U *	0.0014	0.00082	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0021	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Acetone	**0.024**		0.0083	0.0079	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Acrolein	0.14	U	0.14	0.039	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Acrylonitrile	0.014	U	0.014	0.0067	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Chlorobromomethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Ethylene Dibromide	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Methyl acetate	0.0069	U *	0.0069	0.0059	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
TBA	**0.061**		0.014	0.011	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
trans-1,2-Dichloroethene	0.0014	U *	0.0014	0.00034	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1

Client Sample ID: SRI-X-6_3-5_20250521
Lab Sample ID: 460-326694-19
Date Collected: 05/21/25 12:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 92.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0088*	*J*	*mg/Kg*	☼	*11.13*	*N/A*	*05/23/25 11:46*	*05/31/25 17:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*05/23/25 11:46*	*05/31/25 17:20*	*1*
4-Bromofluorobenzene	*124*		*71 - 128*	*05/23/25 11:46*	*05/31/25 17:20*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*05/23/25 11:46*	*05/31/25 17:20*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*05/23/25 11:46*	*05/31/25 17:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.1**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**92.9**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-1_3-5_20250521
Lab Sample ID: 460-326694-20
Date Collected: 05/21/25 12:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0024	U	0.0024	0.00055	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,1,2,2-Tetrachloroethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0024	U *	0.0024	0.00071	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,1,2-Trichloroethane	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,1-Dichloroethane	0.0024	U *	0.0024	0.0014	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,1-Dichloroethene	0.0024	U	0.0024	0.00053	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,2,3-Trichlorobenzene	0.0024	U	0.0024	0.0017	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,2,4-Trichlorobenzene	0.0024	U	0.0024	0.00085	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,2-Dibromo-3-Chloropropane	0.0024	U	0.0024	0.0011	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,2-Dichlorobenzene	0.0024	U	0.0024	0.00085	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,2-Dichloroethane	0.0024	U	0.0024	0.00070	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,2-Dichloropropane	0.0024	U	0.0024	0.0010	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,3-Dichlorobenzene	0.0024	U	0.0024	0.00086	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,4-Dichlorobenzene	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
2-Butanone (MEK)	0.012	U	0.012	0.00087	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
2-Hexanone	0.012	U	0.012	0.0040	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
4-Methyl-2-pentanone (MIBK)	0.012	U	0.012	0.0037	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Acetone	**0.065**		0.014	0.014	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Acrolein	0.24	U	0.24	0.066	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Acrylonitrile	0.024	U	0.024	0.012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Benzene	0.0024	U	0.0024	0.0013	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Bromoform	0.0024	U	0.0024	0.0010	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Bromomethane	0.0047	U	0.0047	0.0024	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Carbon disulfide	0.0024	U	0.0024	0.00063	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Carbon tetrachloride	0.0024	U	0.0024	0.00092	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Chlorobenzene	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Chlorobromomethane	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Chlorodibromomethane	0.0024	U	0.0024	0.0013	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1

Client Sample ID: SRI-B3-1_3-5_20250521
Lab Sample ID: 460-326694-20

Date Collected: 05/21/25 12:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Chloroform	0.0024	U	0.0024	0.0023	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Chloromethane	0.0024	U	0.0024	0.0010	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
cis-1,2-Dichloroethene	0.0024	U	0.0024	0.00085	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
cis-1,3-Dichloropropene	0.0024	U	0.0024	0.00065	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Cyclohexane	0.0024	U	0.0024	0.00052	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Dichlorobromomethane	0.0024	U	0.0024	0.00061	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Dichlorodifluoromethane	0.0024	U	0.0024	0.00080	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Ethylbenzene	0.0024	U	0.0024	0.0011	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Ethylene Dibromide	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Isopropylbenzene	0.0024	U	0.0024	0.00067	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Methyl acetate	0.012	U *	0.012	0.010	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Methyl tert-butyl ether	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Methylcyclohexane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Methylene Chloride	0.0047	U	0.0047	0.0027	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
m-Xylene & p-Xylene	0.0024	U	0.0024	0.0010	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
o-Xylene	0.0024	U	0.0024	0.0011	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Styrene	0.0024	U	0.0024	0.00066	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
TBA	**0.18**		0.024	0.019	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Tetrachloroethene	0.0024	U	0.0024	0.00072	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Toluene	0.0024	U	0.0024	0.00055	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
trans-1,2-Dichloroethene	0.0024	U *	0.0024	0.00058	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
trans-1,3-Dichloropropene	0.0024	U	0.0024	0.00063	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Trichloroethene	0.0024	U	0.0024	0.00076	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Trichlorofluoromethane	0.0024	U	0.0024	0.00096	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Vinyl chloride	0.0024	U	0.0024	0.0013	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1-Hexanol, 2-ethyl-	*0.019*	*J N*	*mg/Kg*	☼	*11.13*	*104-76-7*	*05/23/25 11:48*	*05/31/25 17:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*65 - 138*	*05/23/25 11:48*	*05/31/25 17:43*	*1*
4-Bromofluorobenzene	*131*	*	*71 - 128*	*05/23/25 11:48*	*05/31/25 17:43*	*1*
Dibromofluoromethane (Surr)	*131*		*50 - 150*	*05/23/25 11:48*	*05/31/25 17:43*	*1*
Toluene-d8 (Surr)	*119*		*71 - 126*	*05/23/25 11:48*	*05/31/25 17:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**89.2**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-1_5-7_20250521
Lab Sample ID: 460-326694-21

Date Collected: 05/21/25 12:20
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00034	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U *	0.0015	0.00044	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1

Client Sample ID: SRI-B3-1_5-7_20250521
Lab Sample ID: 460-326694-21
Date Collected: 05/21/25 12:20
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,2-Dibromo-3-Chloropropane	0.0015	U *	0.0015	0.00068	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00062	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00076	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
2-Butanone (MEK)	0.0074	U	0.0074	0.00054	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
2-Hexanone	0.0074	U	0.0074	0.0025	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
4-Methyl-2-pentanone (MIBK)	0.0074	U	0.0074	0.0023	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Acetone	**0.043**		0.0088	0.0084	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Acrolein	0.15	U	0.15	0.041	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Acrylonitrile	0.015	U	0.015	0.0072	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Benzene	0.0015	U	0.0015	0.00083	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Bromoform	0.0015	U	0.0015	0.00063	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Bromomethane	0.0029	U	0.0029	0.0015	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Carbon disulfide	0.0015	U	0.0015	0.00039	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Carbon tetrachloride	0.0015	U	0.0015	0.00057	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Chlorobenzene	0.0015	U	0.0015	0.00075	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Chlorobromomethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Chlorodibromomethane	0.0015	U	0.0015	0.00079	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Chloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Chloromethane	0.0015	U	0.0015	0.00064	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00053	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00050	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Ethylbenzene	0.0015	U	0.0015	0.00069	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Ethylene Dibromide	0.0015	U	0.0015	0.00074	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Methyl acetate	0.0074	U *	0.0074	0.0063	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00075	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Methylcyclohexane	0.0015	U	0.0015	0.00073	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Methylene Chloride	0.0029	U	0.0029	0.0017	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00062	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
o-Xylene	0.0015	U	0.0015	0.00068	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
TBA	**0.12**		0.015	0.012	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Tetrachloroethene	0.0015	U	0.0015	0.00045	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Toluene	0.0015	U	0.0015	0.00034	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00036	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00039	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Trichloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00060	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1

Client Sample ID: SRI-B3-1_5-7_20250521
Lab Sample ID: 460-326694-21

Date Collected: 05/21/25 12:20
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 11:49*	*06/02/25 12:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/23/25 11:49*	*06/02/25 12:52*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*05/23/25 11:49*	*06/02/25 12:52*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/23/25 11:49*	*06/02/25 12:52*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/23/25 11:49*	*06/02/25 12:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.4**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**90.6**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-TB-5_20250521
Lab Sample ID: 460-326694-22

Date Collected: 05/21/25 13:00
Matrix: Water
Date Received: 05/22/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/27/25 20:40	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/27/25 20:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/27/25 20:40	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/27/25 20:40	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/27/25 20:40	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/27/25 20:40	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/27/25 20:40	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/27/25 20:40	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/27/25 20:40	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/27/25 20:40	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/27/25 20:40	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/27/25 20:40	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/27/25 20:40	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/27/25 20:40	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/27/25 20:40	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/27/25 20:40	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/27/25 20:40	1
Acetone	5.0	U	5.0	4.4	ug/L			05/27/25 20:40	1
Acrolein	4.0	U *	4.0	2.4	ug/L			05/27/25 20:40	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/27/25 20:40	1
Benzene	0.45	U	0.45	0.070	ug/L			05/27/25 20:40	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/27/25 20:40	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/27/25 20:40	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/27/25 20:40	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/27/25 20:40	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/27/25 20:40	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/27/25 20:40	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/27/25 20:40	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/27/25 20:40	1

Client Sample ID: SRI-TB-5_20250521
Lab Sample ID: 460-326694-22
Date Collected: 05/21/25 13:00
Matrix: Water
Date Received: 05/22/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	1.0	U	1.0	0.33	ug/L			05/27/25 20:40	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/27/25 20:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/27/25 20:40	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/27/25 20:40	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/27/25 20:40	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/27/25 20:40	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/27/25 20:40	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/27/25 20:40	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/27/25 20:40	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/27/25 20:40	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/27/25 20:40	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/27/25 20:40	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/27/25 20:40	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/27/25 20:40	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/27/25 20:40	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/27/25 20:40	1
Styrene	1.0	U	1.0	0.42	ug/L			05/27/25 20:40	1
TBA	10	U	10	8.3	ug/L			05/27/25 20:40	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/27/25 20:40	1
Toluene	1.0	U	1.0	0.38	ug/L			05/27/25 20:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/27/25 20:40	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/27/25 20:40	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/27/25 20:40	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/27/25 20:40	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/27/25 20:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/27/25 20:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*05/27/25 20:40*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*05/27/25 20:40*	*1*
Dibromofluoromethane (Surr)	*121*		*77 - 132*		*05/27/25 20:40*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/27/25 20:40*	*1*

Client Sample ID: SRI-TB-6_20250521
Lab Sample ID: 460-326694-23
Date Collected: 05/21/25 13:00
Matrix: Water
Date Received: 05/22/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/27/25 21:00	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/27/25 21:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/27/25 21:00	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/27/25 21:00	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/27/25 21:00	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/27/25 21:00	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/27/25 21:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/27/25 21:00	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/27/25 21:00	1

Client Sample ID: SRI-TB-6_20250521
Lab Sample ID: 460-326694-23
Date Collected: 05/21/25 13:00
Matrix: Water
Date Received: 05/22/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/27/25 21:00	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/27/25 21:00	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/27/25 21:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/27/25 21:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/27/25 21:00	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/27/25 21:00	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/27/25 21:00	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/27/25 21:00	1
Acetone	5.0	U	5.0	4.4	ug/L			05/27/25 21:00	1
Acrolein	4.0	U *	4.0	2.4	ug/L			05/27/25 21:00	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/27/25 21:00	1
Benzene	0.45	U	0.45	0.070	ug/L			05/27/25 21:00	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/27/25 21:00	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/27/25 21:00	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/27/25 21:00	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/27/25 21:00	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/27/25 21:00	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/27/25 21:00	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/27/25 21:00	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/27/25 21:00	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/27/25 21:00	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/27/25 21:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/27/25 21:00	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/27/25 21:00	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/27/25 21:00	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/27/25 21:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/27/25 21:00	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/27/25 21:00	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/27/25 21:00	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/27/25 21:00	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/27/25 21:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/27/25 21:00	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/27/25 21:00	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/27/25 21:00	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/27/25 21:00	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/27/25 21:00	1
Styrene	1.0	U	1.0	0.42	ug/L			05/27/25 21:00	1
TBA	10	U	10	8.3	ug/L			05/27/25 21:00	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/27/25 21:00	1
Toluene	1.0	U	1.0	0.38	ug/L			05/27/25 21:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/27/25 21:00	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/27/25 21:00	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/27/25 21:00	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/27/25 21:00	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/27/25 21:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/27/25 21:00*	*1*

Client Sample ID: SRI-TB-6_20250521
Lab Sample ID: 460-326694-23

Date Collected: 05/21/25 13:00
Matrix: Water
Date Received: 05/22/25 16:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 128*		*05/27/25 21:00*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*05/27/25 21:00*	*1*
Dibromofluoromethane (Surr)	*124*		*77 - 132*		*05/27/25 21:00*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/27/25 21:00*	*1*

Client Sample ID: SRI-B4-1A_3-5_20250521
Lab Sample ID: 460-326694-24

Date Collected: 05/21/25 13:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00036	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00087	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00044	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Acetone	**0.0086**		0.0071	0.0068	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Acrolein	0.12	U	0.12	0.033	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Acrylonitrile	0.012	U	0.012	0.0058	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Chloroethane	0.0012	U *	0.0012	0.00062	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1

Client Sample ID: SRI-B4-1A_3-5_20250521

Lab Sample ID: 460-326694-24

Date Collected: 05/21/25 13:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
TBA	**0.024**		0.012	0.0093	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 12:42*	*05/27/25 19:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/23/25 12:42*	*05/27/25 19:25*	*1*
4-Bromofluorobenzene	*120*		*71 - 128*	*05/23/25 12:42*	*05/27/25 19:25*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*05/23/25 12:42*	*05/27/25 19:25*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*05/23/25 12:42*	*05/27/25 19:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.3**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**91.7**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B4-1A_8-10_20250521

Lab Sample ID: 460-326694-25

Date Collected: 05/21/25 13:50
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00036	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00088	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-1A_8-10_20250521
Lab Sample ID: 460-326694-25
Date Collected: 05/21/25 13:50
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	0.0060	U	0.0060	0.0020	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Acetone	**0.020**		0.0072	0.0068	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Acrolein	0.12	U	0.12	0.033	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Acrylonitrile	0.012	U	0.012	0.0058	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Chloroethane	0.0012	U *	0.0012	0.00062	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Methyl acetate	0.0060	U	0.0060	0.0051	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
TBA	**0.034**		0.012	0.0094	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 12:42*	*05/27/25 21:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*05/23/25 12:42*	*05/27/25 21:00*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/23/25 12:42*	*05/27/25 21:00*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*05/23/25 12:42*	*05/27/25 21:00*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/23/25 12:42*	*05/27/25 21:00*	*1*

Client Sample ID: SRI-B4-1A_8-10_20250521
Lab Sample ID: 460-326694-25

Date Collected: 05/21/25 13:50
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.7

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.3		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	90.7		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B4-1A_13-15_20250521
Lab Sample ID: 460-326694-26

Date Collected: 05/21/25 13:55
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U *	0.00098	0.00029	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Acrolein	0.098	U	0.098	0.027	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Acrylonitrile	0.0098	U	0.0098	0.0048	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Chlorobromomethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Chloroethane	0.00098	U *	0.00098	0.00051	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Ethylene Dibromide	0.00098	U	0.00098	0.00049	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1

Client Sample ID: SRI-B4-1A_13-15_20250521
Lab Sample ID: 460-326694-26

Date Collected: 05/21/25 13:55
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00041	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
TBA	**0.0081**	**J**	0.0098	0.0077	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Toluene	**0.00025**	**J**	0.00098	0.00023	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Trichloroethene	0.00098	U	0.00098	0.00031	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Vinyl chloride	0.00098	U	0.00098	0.00053	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0083*	*J*	*mg/Kg*	☼	*9.90*	*N/A*	*05/23/25 12:43*	*05/27/25 20:36*	*1*
Unknown	*0.0075*	*J*	*mg/Kg*	☼	*10.78*	*N/A*	*05/23/25 12:43*	*05/27/25 20:36*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/23/25 12:43*	*05/27/25 20:36*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*05/23/25 12:43*	*05/27/25 20:36*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*05/23/25 12:43*	*05/27/25 20:36*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*05/23/25 12:43*	*05/27/25 20:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.1**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**88.9**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-2C_3-5_20250521
Lab Sample ID: 460-326694-27

Date Collected: 05/21/25 15:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00035	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B3-2C_3-5_20250521
Lab Sample ID: 460-326694-27
Date Collected: 05/21/25 15:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Acetone	**0.0093**		0.0070	0.0066	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Acrolein	0.12	U	0.12	0.033	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Acrylonitrile	0.012	U	0.012	0.0056	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Chloroethane	0.0012	U *	0.0012	0.00061	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
TBA	**0.019**		0.012	0.0091	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 12:43*	*05/27/25 20:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/23/25 12:43*	*05/27/25 20:13*	*1*
4-Bromofluorobenzene	*124*		*71 - 128*	*05/23/25 12:43*	*05/27/25 20:13*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/23/25 12:43*	*05/27/25 20:13*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/23/25 12:43*	*05/27/25 20:13*	*1*

Client Sample ID: SRI-B3-2C_3-5_20250521
Lab Sample ID: 460-326694-27

Date Collected: 05/21/25 15:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.2

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.8		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	89.2		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-3B_3-5_20250521
Lab Sample ID: 460-326694-28

Date Collected: 05/21/25 15:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 93.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Acetone	0.012		0.0069	0.0065	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Acrylonitrile	0.011	U	0.011	0.0056	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Chloroethane	0.0011	U *	0.0011	0.00060	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Ethylbenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1

Client Sample ID: SRI-B3-3B_3-5_20250521
Lab Sample ID: 460-326694-28

Date Collected: 05/21/25 15:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 93.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
TBA	**0.025**		0.011	0.0090	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Vinyl chloride	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 12:44*	*05/27/25 19:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/23/25 12:44*	*05/27/25 19:49*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/23/25 12:44*	*05/27/25 19:49*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*05/23/25 12:44*	*05/27/25 19:49*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/23/25 12:44*	*05/27/25 19:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.7**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**93.3**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B4-4_3-5_20250522
Lab Sample ID: 460-326756-1

Date Collected: 05/22/25 08:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 92.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-4_3-5_20250522
Lab Sample ID: 460-326756-1
Date Collected: 05/22/25 08:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 92.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0078**		0.0067	0.0064	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Acrylonitrile	0.011	U *	0.011	0.0054	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Cyclohexane	**0.00026**	**J**	0.0011	0.00025	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Methyl acetate	0.0056	U *	0.0056	0.0048	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Methylcyclohexane	**0.00091**	**J**	0.0011	0.00056	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Methylene Chloride	**0.0019**	**J**	0.0022	0.0013	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
TBA	0.011	U	0.011	0.0088	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 07:19*	*05/31/25 15:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/24/25 07:19*	*05/31/25 15:35*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*	*05/24/25 07:19*	*05/31/25 15:35*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*05/24/25 07:19*	*05/31/25 15:35*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/24/25 07:19*	*05/31/25 15:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.7**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-4_3-5_20250522
Lab Sample ID: 460-326756-1
Date Collected: 05/22/25 08:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 92.3

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	92.3		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-4_8-10_20250522
Lab Sample ID: 460-326756-2
Date Collected: 05/22/25 09:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00097	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Acetone	0.046		0.0079	0.0075	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Acrolein	0.13	U	0.13	0.037	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Acrylonitrile	0.013	U *	0.013	0.0064	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Bromoform	0.0013	U	0.0013	0.00056	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Carbon tetrachloride	0.0013	U	0.0013	0.00051	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Chlorobromomethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Chloromethane	0.0013	U	0.0013	0.00057	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Ethylene Dibromide	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Methyl acetate	0.0065	U *	0.0065	0.0056	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Methylcyclohexane	0.0011	J	0.0013	0.00065	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1

Client Sample ID: SRI-B4-4_8-10_20250522
Lab Sample ID: 460-326756-2

Date Collected: 05/22/25 09:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
TBA	**0.023**		0.013	0.010	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Vinyl chloride	0.0013	U	0.0013	0.00072	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 07:21*	*05/31/25 16:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/24/25 07:21*	*05/31/25 16:00*	*1*
4-Bromofluorobenzene	*84*		*71 - 128*	*05/24/25 07:21*	*05/31/25 16:00*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*05/24/25 07:21*	*05/31/25 16:00*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/24/25 07:21*	*05/31/25 16:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.6**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**96.4**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-4_13-15_20250522
Lab Sample ID: 460-326756-3

Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.18	U	0.18	0.050	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,1,2,2-Tetrachloroethane	0.18	U	0.18	0.035	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,1,2-Trichloro-1,2,2-trifluoroethane	0.18	U	0.18	0.060	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,1,2-Trichloroethane	0.18	U	0.18	0.036	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,1-Dichloroethane	0.18	U	0.18	0.043	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,1-Dichloroethene	0.18	U	0.18	0.047	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,2,3-Trichlorobenzene	0.18	U	0.18	0.062	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,2,4-Trichlorobenzene	0.18	U	0.18	0.048	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,2-Dibromo-3-Chloropropane	0.18	U	0.18	0.038	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,2-Dichlorobenzene	**0.067**	**J**	0.18	0.039	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,2-Dichloroethane	0.18	U	0.18	0.044	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,2-Dichloropropane	0.18	U	0.18	0.032	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,3-Dichlorobenzene	0.18	U	0.18	0.059	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,4-Dichlorobenzene	0.18	U	0.18	0.059	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
2-Butanone (MEK)	0.89	U	0.89	0.39	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
2-Hexanone	0.89	U	0.89	0.20	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
4-Methyl-2-pentanone (MIBK)	0.89	U	0.89	0.23	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Acetone	0.89	U	0.89	0.78	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-4_13-15_20250522
Lab Sample ID: 460-326756-3
Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.89	U	0.89	0.43	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Acrylonitrile	1.8	U	1.8	0.32	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Benzene	0.18	U	0.18	0.036	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Bromoform	0.18	U	0.18	0.032	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Bromomethane	0.18	U	0.18	0.098	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Carbon disulfide	0.18	U	0.18	0.12	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Carbon tetrachloride	0.18	U	0.18	0.059	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Chlorobenzene	0.18	U	0.18	0.043	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Chlorobromomethane	0.18	U	0.18	0.053	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Chlorodibromomethane	0.18	U	0.18	0.039	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Chloroethane	0.18	U	0.18	0.066	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Chloroform	0.18	U	0.18	0.039	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Chloromethane	0.18	U	0.18	0.071	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
cis-1,2-Dichloroethene	0.18	U	0.18	0.046	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
cis-1,3-Dichloropropene	0.18	U	0.18	0.039	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Cyclohexane	**2.6**		0.18	0.046	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Dichlorobromomethane	0.18	U	0.18	0.027	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Dichlorodifluoromethane	0.18	U	0.18	0.055	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Ethylbenzene	**9.8**		0.18	0.053	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Ethylene Dibromide	0.18	U	0.18	0.034	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Isopropylbenzene	**3.6**		0.18	0.057	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Methyl acetate	0.89	U	0.89	0.14	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Methyl tert-butyl ether	0.18	U	0.18	0.038	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Methylcyclohexane	**30**		0.18	0.13	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Methylene Chloride	0.18	U	0.18	0.037	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
m-Xylene & p-Xylene	**25**		0.18	0.050	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
o-Xylene	**0.46**		0.18	0.057	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Styrene	0.18	U	0.18	0.030	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
TBA	1.8	U	1.8	1.5	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Tetrachloroethene	0.18	U	0.18	0.064	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Toluene	0.18	U	0.18	0.044	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
trans-1,2-Dichloroethene	0.18	U	0.18	0.032	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
trans-1,3-Dichloropropene	0.18	U	0.18	0.039	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Trichloroethene	0.18	U	0.18	0.039	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Trichlorofluoromethane	0.18	U	0.18	0.057	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Vinyl chloride	0.18	U	0.18	0.035	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1-ethyl-3-methyl-	*21*	*J N*	*mg/Kg*	☼	*9.47*	*620-14-4*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Benzene, 1-ethyl-4-methyl-	*18*	*J N*	*mg/Kg*	☼	*9.50*	*622-96-8*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Benzene, 1,3,5-trimethyl-	*38*	*J N*	*mg/Kg*	☼	*9.56*	*108-67-8*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Benzene, 1,2,4-trimethyl-	*100*	*J N*	*mg/Kg*	☼	*9.91*	*95-63-6*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Benzene, 1,2,3-trimethyl-	*30*	*J N*	*mg/Kg*	☼	*10.28*	*526-73-8*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Indane	*34*	*J N*	*mg/Kg*	☼	*10.44*	*496-11-7*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Benzene, 2-ethyl-1,4-dimethyl-	*23*	*J N*	*mg/Kg*	☼	*10.51*	*1758-88-9*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Benzene, 4-ethyl-1,2-dimethyl-	*16*	*J N*	*mg/Kg*	☼	*10.82*	*934-80-5*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
1-Phenyl-1-butene	*16*	*J N*	*mg/Kg*	☼	*10.90*	*824-90-8*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Benzene, 1-ethenyl-4-ethyl-	*21*	*J N*	*mg/Kg*	☼	*11.50*	*3454-07-7*	*05/24/25 07:12*	*05/28/25 15:03*	*100*

Client Sample ID: SRI-B4-4_13-15_20250522
Lab Sample ID: 460-326756-3

Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*60 - 150*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
4-Bromofluorobenzene	*119*		*70 - 150*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Dibromofluoromethane (Surr)	*107*		*68 - 150*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Toluene-d8 (Surr)	*105*		*64 - 157*	*05/24/25 07:12*	*05/28/25 15:03*	*100*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.5**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.5**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-1B_3-5_20250522
Lab Sample ID: 460-326756-4

Date Collected: 05/22/25 09:35
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00087	U	0.00087	0.00020	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,1,2,2-Tetrachloroethane	0.00087	U	0.00087	0.00046	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00087	U	0.00087	0.00026	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,1,2-Trichloroethane	0.00087	U	0.00087	0.00053	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,1-Dichloroethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,1-Dichloroethene	0.00087	U	0.00087	0.00020	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,2,3-Trichlorobenzene	0.00087	U	0.00087	0.00064	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,2,4-Trichlorobenzene	0.00087	U	0.00087	0.00031	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,2-Dibromo-3-Chloropropane	0.00087	U	0.00087	0.00040	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,2-Dichlorobenzene	0.00087	U	0.00087	0.00032	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,2-Dichloroethane	0.00087	U	0.00087	0.00026	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,2-Dichloropropane	0.00087	U	0.00087	0.00037	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,3-Dichlorobenzene	0.00087	U	0.00087	0.00032	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,4-Dichlorobenzene	0.00087	U	0.00087	0.00045	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00032	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Acetone	**0.0089**		0.0052	0.0050	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Acrolein	0.087	U	0.087	0.024	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Acrylonitrile	0.0087	U	0.0087	0.0042	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Benzene	0.00087	U	0.00087	0.00050	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Bromoform	0.00087	U	0.00087	0.00037	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Bromomethane	0.0017	U	0.0017	0.00087	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Carbon disulfide	0.00087	U	0.00087	0.00023	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Carbon tetrachloride	0.00087	U	0.00087	0.00034	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Chlorobenzene	0.00087	U	0.00087	0.00044	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Chlorobromomethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Chlorodibromomethane	0.00087	U	0.00087	0.00047	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Chloroethane	0.00087	U	0.00087	0.00046	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Chloroform	0.00087	U	0.00087	0.00085	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Chloromethane	0.00087	U	0.00087	0.00038	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
cis-1,2-Dichloroethene	0.00087	U	0.00087	0.00031	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
cis-1,3-Dichloropropene	0.00087	U	0.00087	0.00024	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Cyclohexane	**0.0049**		0.00087	0.00019	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Dichlorobromomethane	0.00087	U	0.00087	0.00022	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1

Client Sample ID: SRI-B4-1B_3-5_20250522
Lab Sample ID: 460-326756-4

Date Collected: 05/22/25 09:35
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00087	U	0.00087	0.00030	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Ethylbenzene	**0.0031**		0.00087	0.00041	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Ethylene Dibromide	0.00087	U	0.00087	0.00044	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Isopropylbenzene	**0.00082**	**J**	0.00087	0.00025	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Methyl tert-butyl ether	0.00087	U	0.00087	0.00045	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Methylcyclohexane	**0.024**		0.00087	0.00044	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Methylene Chloride	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
m-Xylene & p-Xylene	**0.0077**		0.00087	0.00037	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
o-Xylene	**0.00080**	**J**	0.00087	0.00040	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Styrene	0.00087	U	0.00087	0.00024	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
TBA	0.0087	U	0.0087	0.0069	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Tetrachloroethene	0.00087	U	0.00087	0.00027	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Toluene	0.00087	U	0.00087	0.00020	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
trans-1,2-Dichloroethene	0.00087	U	0.00087	0.00021	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
trans-1,3-Dichloropropene	0.00087	U	0.00087	0.00023	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Trichloroethene	0.00087	U	0.00087	0.00028	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Trichlorofluoromethane	0.00087	U	0.00087	0.00035	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Vinyl chloride	0.00087	U	0.00087	0.00048	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0077*	*J*	*mg/Kg*	☼	*2.36*	*N/A*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Cyclopentane, methyl-	*0.0080*	*J N*	*mg/Kg*	☼	*3.06*	*96-37-7*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Hexane, 3-methyl-	*0.0066*	*J N*	*mg/Kg*	☼	*3.81*	*589-34-4*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Heptane, 2-methyl-	*0.010*	*J N*	*mg/Kg*	☼	*5.64*	*592-27-8*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Cyclohexane, 1,3-dimethyl-, cis-	*0.0072*	*J N*	*mg/Kg*	☼	*6.01*	*638-04-0*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Octane	*0.010*	*J N*	*mg/Kg*	☼	*6.40*	*111-65-9*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Nonane	*0.0066*	*J N*	*mg/Kg*	☼	*8.14*	*111-84-2*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Benzene, 1-ethyl-3-methyl-	*0.011*	*J N*	*mg/Kg*	☼	*9.14*	*620-14-4*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Benzene, 1,2,3-trimethyl-	*0.0076*	*J N*	*mg/Kg*	☼	*9.21*	*526-73-8*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Benzene, 1,2,4-trimethyl-	*0.021*	*J N*	*mg/Kg*	☼	*9.49*	*95-63-6*	*05/24/25 07:22*	*06/01/25 07:17*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/24/25 07:22*	*06/01/25 07:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-1B_8-10_20250522
Lab Sample ID: 460-326756-5

Date Collected: 05/22/25 09:40
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U	0.0017	0.00040	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00090	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-1B_8-10_20250522
Lab Sample ID: 460-326756-5
Date Collected: 05/22/25 09:40
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U	0.0017	0.00052	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00039	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0013	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00079	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00051	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00073	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00063	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00089	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
2-Butanone (MEK)	0.0086	U	0.0086	0.00063	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
2-Hexanone	0.0086	U	0.0086	0.0029	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
4-Methyl-2-pentanone (MIBK)	0.0086	U	0.0086	0.0027	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Acetone	0.010	U	0.010	0.0098	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Acrolein	0.17	U	0.17	0.048	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Acrylonitrile	0.017	U	0.017	0.0084	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Benzene	0.0017	U	0.0017	0.00098	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Bromoform	0.0017	U	0.0017	0.00073	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Bromomethane	0.0034	U	0.0034	0.0017	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Carbon disulfide	0.0017	U	0.0017	0.00046	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Carbon tetrachloride	0.0017	U	0.0017	0.00067	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Chlorobenzene	0.0017	U	0.0017	0.00087	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Chlorodibromomethane	0.0017	U	0.0017	0.00092	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Chloroethane	0.0017	U	0.0017	0.00090	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Chloroform	0.0017	U	0.0017	0.0017	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Chloromethane	0.0017	U	0.0017	0.00075	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00062	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00047	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Cyclohexane	0.0017	U	0.0017	0.00038	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Dichlorobromomethane	0.0017	U	0.0017	0.00044	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Dichlorodifluoromethane	0.0017	U	0.0017	0.00058	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Ethylbenzene	0.0017	U	0.0017	0.00081	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Ethylene Dibromide	0.0017	U	0.0017	0.00087	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Isopropylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Methyl acetate	0.0086	U	0.0086	0.0074	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00088	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Methylcyclohexane	0.0017	U	0.0017	0.00086	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Methylene Chloride	0.0034	U	0.0034	0.0020	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00073	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
o-Xylene	0.0017	U	0.0017	0.00079	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Styrene	0.0017	U	0.0017	0.00048	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
TBA	0.017	U	0.017	0.014	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Tetrachloroethene	0.0017	U	0.0017	0.00053	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Toluene	0.0017	U	0.0017	0.00040	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00042	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00046	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1

Client Sample ID: SRI-B4-1B_8-10_20250522
Lab Sample ID: 460-326756-5
Date Collected: 05/22/25 09:40
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.0017	U	0.0017	0.00055	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00070	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Vinyl chloride	0.0017	U	0.0017	0.00094	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 07:23*	*06/01/25 07:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*	*05/24/25 07:23*	*06/01/25 07:42*	*1*
4-Bromofluorobenzene	*79*		*71 - 128*	*05/24/25 07:23*	*06/01/25 07:42*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*05/24/25 07:23*	*06/01/25 07:42*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*05/24/25 07:23*	*06/01/25 07:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.2**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.8**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-1B_10-12_20250522
Lab Sample ID: 460-326756-6
Date Collected: 05/22/25 09:45
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Acrylonitrile	0.011	U	0.011	0.0055	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1

Client Sample ID: SRI-B4-1B_10-12_20250522
Lab Sample ID: 460-326756-6

Date Collected: 05/22/25 09:45
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
TBA	0.011	U	0.011	0.0089	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 07:23*	*06/01/25 08:07*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/24/25 07:23*	*06/01/25 08:07*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*	*05/24/25 07:23*	*06/01/25 08:07*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*05/24/25 07:23*	*06/01/25 08:07*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/24/25 07:23*	*06/01/25 08:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.1**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**96.9**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-1B_15-17_20250522
Lab Sample ID: 460-326756-7

Date Collected: 05/22/25 09:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00034	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-1B_15-17_20250522
Lab Sample ID: 460-326756-7
Date Collected: 05/22/25 09:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00087	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00086	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0011	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00066	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00061	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00053	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00075	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
2-Butanone (MEK)	0.0072	U	0.0072	0.00053	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
2-Hexanone	0.0072	U	0.0072	0.0025	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
4-Methyl-2-pentanone (MIBK)	0.0072	U	0.0072	0.0022	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Acetone	0.0087	U	0.0087	0.0083	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Acrolein	0.14	U	0.14	0.040	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Acrylonitrile	0.014	U	0.014	0.0070	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Benzene	0.0014	U	0.0014	0.00082	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Bromoform	0.0014	U	0.0014	0.00061	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Bromomethane	0.0029	U	0.0029	0.0014	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Carbon tetrachloride	0.0014	U	0.0014	0.00056	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Chlorobenzene	0.0014	U	0.0014	0.00073	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Chlorobromomethane	0.0014	U	0.0014	0.00086	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Chlorodibromomethane	0.0014	U	0.0014	0.00078	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Chloroethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Chloromethane	0.0014	U	0.0014	0.00063	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00052	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Cyclohexane	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Dichlorobromomethane	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Ethylbenzene	0.0014	U	0.0014	0.00068	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Ethylene Dibromide	0.0014	U	0.0014	0.00073	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Isopropylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Methyl acetate	0.0072	U	0.0072	0.0062	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00074	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Methylcyclohexane	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Methylene Chloride	0.0029	U	0.0029	0.0017	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00061	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
o-Xylene	0.0014	U	0.0014	0.00067	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Styrene	0.0014	U	0.0014	0.00040	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
TBA	0.014	U	0.014	0.011	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Tetrachloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Toluene	0.0014	U	0.0014	0.00034	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00036	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Trichloroethene	0.0014	U	0.0014	0.00046	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1

Client Sample ID: SRI-B4-1B_15-17_20250522
Lab Sample ID: 460-326756-7

Date Collected: 05/22/25 09:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Vinyl chloride	0.0014	U	0.0014	0.00079	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 07:24*	*06/01/25 08:32*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*05/24/25 07:24*	*06/01/25 08:32*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/24/25 07:24*	*06/01/25 08:32*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*05/24/25 07:24*	*06/01/25 08:32*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/24/25 07:24*	*06/01/25 08:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.4**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.6**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-2A_3-5_20250522
Lab Sample ID: 460-326756-8

Date Collected: 05/22/25 10:20
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00030	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00073	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00042	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Acetone	**0.039**		0.0059	0.0056	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Acrolein	0.098	U	0.098	0.028	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Acrylonitrile	0.0098	U	0.0098	0.0048	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Chlorobromomethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1

Client Sample ID: SRI-B4-2A_3-5_20250522
Lab Sample ID: 460-326756-8

Date Collected: 05/22/25 10:20
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Chloroform	0.00098	U	0.00098	0.00096	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Ethylene Dibromide	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00042	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
TBA	**0.013**		0.0098	0.0077	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Tetrachloroethene	**0.00036**	**J**	0.00098	0.00030	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Toluene	0.00098	U	0.00098	0.00023	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Trichloroethene	0.00098	U	0.00098	0.00032	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Vinyl chloride	0.00098	U	0.00098	0.00054	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 08:23*	*06/01/25 08:57*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*05/24/25 08:23*	*06/01/25 08:57*	*1*
4-Bromofluorobenzene	*84*		*71 - 128*	*05/24/25 08:23*	*06/01/25 08:57*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*05/24/25 08:23*	*06/01/25 08:57*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/24/25 08:23*	*06/01/25 08:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.4**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.6**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-2A_8-10_20250522
Lab Sample ID: 460-326756-9

Date Collected: 05/22/25 10:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-2A_8-10_20250522
Lab Sample ID: 460-326756-9
Date Collected: 05/22/25 10:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Acetone	0.0069	U	0.0069	0.0065	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Acrylonitrile	0.011	U	0.011	0.0056	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Ethylbenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
m-Xylene & p-Xylene	**0.00051**	**J**	0.0011	0.00048	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
TBA	0.011	U	0.011	0.0090	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1

Client Sample ID: SRI-B4-2A_8-10_20250522
Lab Sample ID: 460-326756-9
Date Collected: 05/22/25 10:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 08:24*	*06/01/25 09:22*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*05/24/25 08:24*	*06/01/25 09:22*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*	*05/24/25 08:24*	*06/01/25 09:22*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*05/24/25 08:24*	*06/01/25 09:22*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/24/25 08:24*	*06/01/25 09:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-2A_11-13_20250522
Lab Sample ID: 460-326756-10
Date Collected: 05/22/25 10:30
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00096	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Acetone	**0.039**		0.0078	0.0075	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Acrolein	0.13	U	0.13	0.037	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Acrylonitrile	0.013	U	0.013	0.0063	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Chlorobromomethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1

Client Sample ID: SRI-B4-2A_11-13_20250522
Lab Sample ID: 460-326756-10

Date Collected: 05/22/25 10:30
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Chloromethane	0.0013	U	0.0013	0.00057	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Ethylene Dibromide	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Methyl acetate	0.0065	U	0.0065	0.0056	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
TBA	**0.017**		0.013	0.010	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Vinyl chloride	0.0013	U	0.0013	0.00071	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 08:24*	*06/01/25 09:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*	*05/24/25 08:24*	*06/01/25 09:47*	*1*
4-Bromofluorobenzene	*79*		*71 - 128*	*05/24/25 08:24*	*06/01/25 09:47*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*05/24/25 08:24*	*06/01/25 09:47*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*	*05/24/25 08:24*	*06/01/25 09:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.2**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.8**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-TB-7_20250522
Lab Sample ID: 460-326756-11

Date Collected: 05/22/25 15:00
Matrix: Water
Date Received: 05/23/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/31/25 10:37	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/31/25 10:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/31/25 10:37	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/31/25 10:37	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/31/25 10:37	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-TB-7_20250522
Lab Sample ID: 460-326756-11
Date Collected: 05/22/25 15:00
Matrix: Water
Date Received: 05/23/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/31/25 10:37	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/31/25 10:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/31/25 10:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/31/25 10:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/31/25 10:37	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/31/25 10:37	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/31/25 10:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/31/25 10:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/31/25 10:37	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/31/25 10:37	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/31/25 10:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/31/25 10:37	1
Acetone	5.0	U	5.0	4.4	ug/L			05/31/25 10:37	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/31/25 10:37	1
Acrylonitrile	5.0	U	5.0	1.8	ug/L			05/31/25 10:37	1
Benzene	0.45	U	0.45	0.070	ug/L			05/31/25 10:37	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/31/25 10:37	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/31/25 10:37	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/31/25 10:37	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/31/25 10:37	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/31/25 10:37	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/31/25 10:37	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/31/25 10:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/31/25 10:37	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/31/25 10:37	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/31/25 10:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/31/25 10:37	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/31/25 10:37	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/31/25 10:37	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/31/25 10:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/31/25 10:37	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/31/25 10:37	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/31/25 10:37	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/31/25 10:37	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/31/25 10:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/31/25 10:37	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/31/25 10:37	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/31/25 10:37	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/31/25 10:37	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/31/25 10:37	1
Styrene	1.0	U	1.0	0.42	ug/L			05/31/25 10:37	1
TBA	10	U	10	8.3	ug/L			05/31/25 10:37	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/31/25 10:37	1
Toluene	1.0	U	1.0	0.38	ug/L			05/31/25 10:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/31/25 10:37	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/31/25 10:37	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/31/25 10:37	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/31/25 10:37	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/31/25 10:37	1

Client Sample ID: SRI-TB-7_20250522
Lab Sample ID: 460-326756-11
Date Collected: 05/22/25 15:00
Matrix: Water
Date Received: 05/23/25 16:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		05/31/25 10:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 128		05/31/25 10:37	1
4-Bromofluorobenzene	96		76 - 120		05/31/25 10:37	1
Dibromofluoromethane (Surr)	99		77 - 132		05/31/25 10:37	1
Toluene-d8 (Surr)	102		80 - 120		05/31/25 10:37	1

Client Sample ID: SRI-FB-7_20250522
Lab Sample ID: 460-326756-12
Date Collected: 05/22/25 15:00
Matrix: Water
Date Received: 05/23/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/31/25 10:57	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/31/25 10:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/31/25 10:57	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/31/25 10:57	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/31/25 10:57	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/31/25 10:57	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/31/25 10:57	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/31/25 10:57	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/31/25 10:57	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/31/25 10:57	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/31/25 10:57	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/31/25 10:57	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/31/25 10:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/31/25 10:57	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/31/25 10:57	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/31/25 10:57	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/31/25 10:57	1
Acetone	5.0	U	5.0	4.4	ug/L			05/31/25 10:57	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/31/25 10:57	1
Acrylonitrile	5.0	U	5.0	1.8	ug/L			05/31/25 10:57	1
Benzene	0.45	U	0.45	0.070	ug/L			05/31/25 10:57	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/31/25 10:57	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/31/25 10:57	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/31/25 10:57	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/31/25 10:57	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/31/25 10:57	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/31/25 10:57	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/31/25 10:57	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/31/25 10:57	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/31/25 10:57	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/31/25 10:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/31/25 10:57	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/31/25 10:57	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/31/25 10:57	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/31/25 10:57	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/31/25 10:57	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/31/25 10:57	1

Client Sample ID: SRI-FB-7_20250522
Lab Sample ID: 460-326756-12

Date Collected: 05/22/25 15:00
Matrix: Water
Date Received: 05/23/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/31/25 10:57	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/31/25 10:57	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/31/25 10:57	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/31/25 10:57	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/31/25 10:57	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/31/25 10:57	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/31/25 10:57	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/31/25 10:57	1
Styrene	1.0	U	1.0	0.42	ug/L			05/31/25 10:57	1
TBA	10	U	10	8.3	ug/L			05/31/25 10:57	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/31/25 10:57	1
Toluene	1.0	U	1.0	0.38	ug/L			05/31/25 10:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/31/25 10:57	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/31/25 10:57	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/31/25 10:57	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/31/25 10:57	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/31/25 10:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/31/25 10:57*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*		*05/31/25 10:57*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*05/31/25 10:57*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*05/31/25 10:57*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/31/25 10:57*	*1*

Client Sample ID: SRI-B4-2B_18-20_20250522
Lab Sample ID: 460-326756-13

Date Collected: 05/22/25 14:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.11	U	0.11	0.032	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.023	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.11	U	0.11	0.039	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,1,2-Trichloroethane	0.11	U	0.11	0.023	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,1-Dichloroethane	0.11	U	0.11	0.027	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,1-Dichloroethene	0.11	U	0.11	0.030	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,2,3-Trichlorobenzene	0.11	U	0.11	0.040	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,2,4-Trichlorobenzene	0.11	U	0.11	0.031	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,2-Dibromo-3-Chloropropane	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,2-Dichlorobenzene	0.11	U	0.11	0.025	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,2-Dichloroethane	0.11	U	0.11	0.029	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,2-Dichloropropane	0.11	U	0.11	0.021	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,3-Dichlorobenzene	0.11	U	0.11	0.038	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,4-Dichlorobenzene	0.11	U	0.11	0.038	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
2-Butanone (MEK)	0.57	U	0.57	0.25	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
2-Hexanone	0.57	U	0.57	0.13	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
4-Methyl-2-pentanone (MIBK)	0.57	U	0.57	0.15	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-2B_18-20_20250522
Lab Sample ID: 460-326756-13
Date Collected: 05/22/25 14:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.57	U	0.57	0.50	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Acrolein	0.57	U	0.57	0.27	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Acrylonitrile	1.1	U	1.1	0.21	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Benzene	0.11	U	0.11	0.023	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Bromoform	0.11	U	0.11	0.021	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Bromomethane	0.11	U	0.11	0.063	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Carbon disulfide	0.11	U	0.11	0.077	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Carbon tetrachloride	0.11	U	0.11	0.038	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Chlorobenzene	0.11	U	0.11	0.027	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Chlorobromomethane	0.11	U	0.11	0.034	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Chlorodibromomethane	0.11	U	0.11	0.025	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Chloroethane	0.11	U	0.11	0.042	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Chloroform	0.11	U	0.11	0.025	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Chloromethane	0.11	U	0.11	0.046	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
cis-1,2-Dichloroethene	0.11	U	0.11	0.030	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
cis-1,3-Dichloropropene	0.11	U	0.11	0.025	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Cyclohexane	0.11	U	0.11	0.030	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Dichlorobromomethane	0.11	U	0.11	0.017	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Dichlorodifluoromethane	0.11	U	0.11	0.035	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Ethylbenzene	**0.14**		0.11	0.034	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Ethylene Dibromide	0.11	U	0.11	0.022	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Isopropylbenzene	**0.21**		0.11	0.037	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Methyl acetate	0.57	U	0.57	0.090	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Methyl tert-butyl ether	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Methylcyclohexane	**7.0**		0.11	0.083	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Methylene Chloride	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
m-Xylene & p-Xylene	0.11	U	0.11	0.032	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
o-Xylene	0.11	U	0.11	0.037	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Styrene	0.11	U	0.11	0.019	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
TBA	1.1	U	1.1	0.95	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Tetrachloroethene	0.11	U	0.11	0.041	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Toluene	0.11	U	0.11	0.029	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
trans-1,2-Dichloroethene	0.11	U	0.11	0.021	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
trans-1,3-Dichloropropene	0.11	U	0.11	0.025	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Trichloroethene	0.11	U	0.11	0.025	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Trichlorofluoromethane	0.11	U	0.11	0.037	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Vinyl chloride	0.11	U	0.11	0.023	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Pentane, 2-methyl-	*4.2*	*J N*	*mg/Kg*	☼	*2.21*	*107-83-5*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Hexane, 3-methyl-	*3.4*	*J N*	*mg/Kg*	☼	*3.63*	*589-34-4*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Cyclopentane, 1,3-dimethyl-	*3.0*	*J N*	*mg/Kg*	☼	*3.85*	*2453-00-1*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Unknown	*2.4*	*J*	*mg/Kg*	☼	*5.44*	*N/A*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Cyclohexane, 1,3-dimethyl-, trans-	*5.8*	*J N*	*mg/Kg*	☼	*5.70*	*2207-03-6*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Cyclohexane, 1,2-dimethyl-, trans-	*2.5*	*J N*	*mg/Kg*	☼	*6.15*	*6876-23-9*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Unknown	*2.4*	*J*	*mg/Kg*	☼	*7.37*	*N/A*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Unknown	*2.4*	*J*	*mg/Kg*	☼	*7.54*	*N/A*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Nonane, 3-methyl-	*2.8*	*J N*	*mg/Kg*	☼	*8.66*	*5911-04-6*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Benzene, 1-methyl-3-(1-methylethyl)-	*2.5*	*J N*	*mg/Kg*	☼	*10.82*	*535-77-3*	*05/24/25 10:42*	*06/03/25 12:05*	*50*

Client Sample ID: SRI-B4-2B_18-20_20250522
Lab Sample ID: 460-326756-13

Date Collected: 05/22/25 14:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*134*		*60 - 150*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
4-Bromofluorobenzene	*107*		*70 - 150*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Dibromofluoromethane (Surr)	*122*		*68 - 150*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Toluene-d8 (Surr)	*109*		*64 - 157*	*05/24/25 10:42*	*06/03/25 12:05*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.9**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.1**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-X-7_3-5_20250522
Lab Sample ID: 460-326756-14

Date Collected: 05/22/25 15:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00042	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00093	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00054	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00040	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0013	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00064	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00082	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00064	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00053	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00076	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00065	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00093	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
2-Butanone (MEK)	0.0089	U	0.0089	0.00066	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
2-Hexanone	0.0089	U	0.0089	0.0031	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
4-Methyl-2-pentanone (MIBK)	0.0089	U	0.0089	0.0028	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Acetone	**0.20**		0.011	0.010	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Acrolein	0.18	U	0.18	0.050	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Acrylonitrile	0.018	U	0.018	0.0087	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Bromoform	0.0018	U	0.0018	0.00076	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Bromomethane	0.0036	U	0.0036	0.0018	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Carbon disulfide	0.0018	U	0.0018	0.00048	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Carbon tetrachloride	0.0018	U	0.0018	0.00069	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Chlorobenzene	0.0018	U	0.0018	0.00091	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Chlorodibromomethane	0.0018	U	0.0018	0.00096	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Chloroethane	0.0018	U	0.0018	0.00093	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Chloroform	0.0018	U	0.0018	0.0017	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Chloromethane	0.0018	U	0.0018	0.00078	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00064	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00049	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Cyclohexane	0.0018	U	0.0018	0.00039	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Dichlorobromomethane	0.0018	U	0.0018	0.00046	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1

Client Sample ID: SRI-X-7_3-5_20250522
Lab Sample ID: 460-326756-14
Date Collected: 05/22/25 15:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0018	U	0.0018	0.00060	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Ethylbenzene	0.0018	U	0.0018	0.00084	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Ethylene Dibromide	0.0018	U	0.0018	0.00090	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Isopropylbenzene	0.0018	U	0.0018	0.00051	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Methyl acetate	0.0089	U	0.0089	0.0077	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00091	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Methylcyclohexane	0.0018	U	0.0018	0.00089	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Methylene Chloride	0.0036	U	0.0036	0.0020	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00076	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
o-Xylene	0.0018	U	0.0018	0.00082	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Styrene	0.0018	U	0.0018	0.00050	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
TBA	**0.049**		0.018	0.014	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Tetrachloroethene	0.0018	U	0.0018	0.00054	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Toluene	0.0018	U	0.0018	0.00042	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00044	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00048	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Trichloroethene	0.0018	U	0.0018	0.00057	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00073	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Vinyl chloride	0.0018	U	0.0018	0.00098	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 10:53*	*06/01/25 12:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/24/25 10:53*	*06/01/25 12:41*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*	*05/24/25 10:53*	*06/01/25 12:41*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*05/24/25 10:53*	*06/01/25 12:41*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/24/25 10:53*	*06/01/25 12:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-A1-3B_3-5_20250522
Lab Sample ID: 460-326756-15
Date Collected: 05/22/25 15:05
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1

Client Sample ID: SRI-A1-3B_3-5_20250522
Lab Sample ID: 460-326756-15
Date Collected: 05/22/25 15:05
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00046	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Acetone	0.0074	U	0.0074	0.0071	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Acrolein	0.12	U	0.12	0.035	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Acrylonitrile	0.012	U	0.012	0.0060	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
TBA	0.012	U	0.012	0.0097	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 10:54*	*06/01/25 13:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/24/25 10:54*	*06/01/25 13:06*	*1*
4-Bromofluorobenzene	*84*		*71 - 128*	*05/24/25 10:54*	*06/01/25 13:06*	*1*

Client Sample ID: SRI-A1-3B_3-5_20250522
Lab Sample ID: 460-326756-15

Date Collected: 05/22/25 15:05
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*05/24/25 10:54*	*06/01/25 13:06*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/24/25 10:54*	*06/01/25 13:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-A1-3B_7-9_20250522
Lab Sample ID: 460-326756-16

Date Collected: 05/22/25 15:10
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Acetone	**0.026**		0.0062	0.0059	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Acrolein	0.10	U	0.10	0.029	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Acrylonitrile	0.010	U	0.010	0.0050	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1

Client Sample ID: SRI-A1-3B_7-9_20250522
Lab Sample ID: 460-326756-16

Date Collected: 05/22/25 15:10
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
TBA	**0.0087**	**J**	0.010	0.0081	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 10:55*	*06/01/25 13:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/24/25 10:55*	*06/01/25 13:31*	*1*
4-Bromofluorobenzene	*83*		*71 - 128*	*05/24/25 10:55*	*06/01/25 13:31*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*05/24/25 10:55*	*06/01/25 13:31*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/24/25 10:55*	*06/01/25 13:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.7**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**96.3**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-4_15-17_20250522
Lab Sample ID: 460-326756-17

Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-4_15-17_20250522
Lab Sample ID: 460-326756-17
Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
2-Butanone (MEK)	**0.0072**		0.0060	0.00044	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Acetone	**0.064**		0.0072	0.0069	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Acrolein	0.12	U	0.12	0.034	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Acrylonitrile	0.012	U	0.012	0.0059	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Ethylbenzene	**0.0041**		0.0012	0.00057	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Isopropylbenzene	**0.0016**		0.0012	0.00034	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Methylcyclohexane	**0.11**		0.0012	0.00060	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Methylene Chloride	**0.0021**	**J**	0.0024	0.0014	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
m-Xylene & p-Xylene	**0.018**		0.0012	0.00051	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
TBA	**0.018**		0.012	0.0095	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Heptane, 2-methyl-	*0.057*	*J N*	*mg/Kg*	☼	*5.64*	*592-27-8*	*05/24/25 07:21*	*06/01/25 13:56*	*1*
Cyclohexane, 1,3-dimethyl-, cis-	*0.057*	*J N*	*mg/Kg*	☼	*6.01*	*638-04-0*	*05/24/25 07:21*	*06/01/25 13:56*	*1*
Octane	*0.075*	*J N*	*mg/Kg*	☼	*6.40*	*111-65-9*	*05/24/25 07:21*	*06/01/25 13:56*	*1*
Nonane	*0.058*	*J N*	*mg/Kg*	☼	*8.13*	*111-84-2*	*05/24/25 07:21*	*06/01/25 13:56*	*1*
Benzene, 1,2,4-trimethyl-	*0.13*	*J N*	*mg/Kg*	☼	*9.49*	*95-63-6*	*05/24/25 07:21*	*06/01/25 13:56*	*1*
Benzene, 1-ethyl-3,5-dimethyl-	*0.085*	*J N*	*mg/Kg*	☼	*10.03*	*934-74-7*	*05/24/25 07:21*	*06/01/25 13:56*	*1*

Client Sample ID: SRI-B4-4_15-17_20250522
Lab Sample ID: 460-326756-17

Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 94.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Benzene, 1-ethyl-2,4-dimethyl-	0.055	J N	mg/Kg	☼	10.24	874-41-9	05/24/25 07:21	06/01/25 13:56	1
Benzene, 1-methyl-2-(1-methylethyl)-	0.068	J N	mg/Kg	☼	10.29	527-84-4	05/24/25 07:21	06/01/25 13:56	1
Benzene, 1,2,3,5-tetramethyl-	0.059	J N	mg/Kg	☼	10.56	527-53-7	05/24/25 07:21	06/01/25 13:56	1
Benzene, 2-ethenyl-1,4-dimethyl-	0.071	J N	mg/Kg	☼	10.88	2039-89-6	05/24/25 07:21	06/01/25 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		65 - 138	05/24/25 07:21	06/01/25 13:56	1
4-Bromofluorobenzene	77		71 - 128	05/24/25 07:21	06/01/25 13:56	1
Dibromofluoromethane (Surr)	93		50 - 150	05/24/25 07:21	06/01/25 13:56	1
Toluene-d8 (Surr)	100		71 - 126	05/24/25 07:21	06/01/25 13:56	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.7**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**94.3**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-A1-1B_3-5_20250522
Lab Sample ID: 460-326756-18

Date Collected: 05/22/25 15:15
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 95.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00036	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00046	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00091	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00034	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00070	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00079	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
2-Butanone (MEK)	0.0076	U	0.0076	0.00056	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
2-Hexanone	0.0076	U	0.0076	0.0026	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
4-Methyl-2-pentanone (MIBK)	0.0076	U	0.0076	0.0024	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Acetone	**0.027**		0.0092	0.0087	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Acrolein	0.15	U	0.15	0.043	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Acrylonitrile	0.015	U	0.015	0.0074	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Benzene	0.0015	U	0.0015	0.00087	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Bromoform	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Bromomethane	0.0031	U	0.0031	0.0015	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Carbon disulfide	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Carbon tetrachloride	0.0015	U	0.0015	0.00059	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Chlorobenzene	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Chlorobromomethane	0.0015	U	0.0015	0.00091	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Chlorodibromomethane	0.0015	U	0.0015	0.00082	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1

Client Sample ID: SRI-A1-1B_3-5_20250522
Lab Sample ID: 460-326756-18

Date Collected: 05/22/25 15:15
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 95.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Chloromethane	0.0015	U	0.0015	0.00067	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00055	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00042	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Cyclohexane	0.0015	U	0.0015	0.00034	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Dichlorobromomethane	0.0015	U	0.0015	0.00039	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00052	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Ethylbenzene	0.0015	U	0.0015	0.00072	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Ethylene Dibromide	0.0015	U	0.0015	0.00077	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Isopropylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Methyl acetate	0.0076	U	0.0076	0.0066	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Methylcyclohexane	0.0015	U	0.0015	0.00076	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Methylene Chloride	0.0031	U	0.0031	0.0018	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
o-Xylene	0.0015	U	0.0015	0.00070	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Styrene	0.0015	U	0.0015	0.00043	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
TBA	**0.013**	**J**	0.015	0.012	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Tetrachloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Toluene	0.0015	U	0.0015	0.00036	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00038	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Trichloroethene	0.0015	U	0.0015	0.00049	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00062	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Vinyl chloride	0.0015	U	0.0015	0.00083	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 10:55*	*06/01/25 12:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/24/25 10:55*	*06/01/25 12:16*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/24/25 10:55*	*06/01/25 12:16*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 150*	*05/24/25 10:55*	*06/01/25 12:16*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/24/25 10:55*	*06/01/25 12:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.1**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**95.9**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-A1-1B_5-7_20250522
Lab Sample ID: 460-326756-19

Date Collected: 05/22/25 15:20
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00034	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00076	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00087	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A1-1B_5-7_20250522
Date Collected: 05/22/25 15:20
Date Received: 05/23/25 16:00

Lab Sample ID: 460-326756-19
Matrix: Solid
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0015	U	0.0015	0.00087	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00052	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00067	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,2-Dichlorobenzene	**0.0046**		0.0015	0.00052	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00043	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00062	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,4-Dichlorobenzene	**0.00092**	**J**	0.0015	0.00075	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
2-Butanone (MEK)	**0.0079**		0.0073	0.00054	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
2-Hexanone	0.0073	U	0.0073	0.0025	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
4-Methyl-2-pentanone (MIBK)	0.0073	U	0.0073	0.0023	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Acetone	**0.058**		0.0087	0.0083	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Acrolein	0.15	U	0.15	0.041	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Acrylonitrile	0.015	U	0.015	0.0071	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Benzene	**0.0095**		0.0015	0.00082	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Bromoform	0.0015	U	0.0015	0.00062	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Bromomethane	0.0029	U	0.0029	0.0015	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Carbon disulfide	0.0015	U	0.0015	0.00039	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Carbon tetrachloride	0.0015	U	0.0015	0.00056	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Chlorobenzene	0.0015	U	0.0015	0.00074	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Chlorobromomethane	0.0015	U	0.0015	0.00087	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Chlorodibromomethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Chloroethane	0.0015	U	0.0015	0.00076	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Chloromethane	0.0015	U	0.0015	0.00063	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00052	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Cyclohexane	**0.033**		0.0015	0.00032	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Dichlorobromomethane	0.0015	U	0.0015	0.00037	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00049	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Ethylbenzene	**0.081**		0.0015	0.00068	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Ethylene Dibromide	0.0015	U	0.0015	0.00073	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Isopropylbenzene	**0.036**		0.0015	0.00041	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Methyl acetate	0.0073	U	0.0073	0.0063	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00074	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Methylcyclohexane	**0.14**		0.0015	0.00073	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Methylene Chloride	**0.0049**		0.0029	0.0017	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
m-Xylene & p-Xylene	**0.71**		0.0015	0.00062	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
o-Xylene	**0.43**		0.0015	0.00067	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Styrene	0.0015	U	0.0015	0.00040	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
TBA	**0.014**	**J**	0.015	0.011	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Tetrachloroethene	0.0015	U	0.0015	0.00044	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Toluene	**0.093**		0.0015	0.00034	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00036	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00039	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Trichloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00059	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1

Client Sample ID: SRI-A1-1B_5-7_20250522
Lab Sample ID: 460-326756-19

Date Collected: 05/22/25 15:20
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.0015	U	0.0015	0.00079	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1-ethyl-3-methyl-	*0.51*	*J N*	*mg/Kg*	☼	*9.14*	*620-14-4*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Benzene, 1,3,5-trimethyl-	*0.39*	*J N*	*mg/Kg*	☼	*9.21*	*108-67-8*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Decane	*0.60*	*J N*	*mg/Kg*	☼	*9.27*	*124-18-5*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Benzene, 1,2,4-trimethyl-	*1.1*	*J N*	*mg/Kg*	☼	*9.50*	*95-63-6*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Benzene, 1,2,3-trimethyl-	*0.44*	*J N*	*mg/Kg*	☼	*9.81*	*526-73-8*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Unknown	*0.78*	*J*	*mg/Kg*	☼	*10.15*	*N/A*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Unknown	*0.34*	*J*	*mg/Kg*	☼	*10.24*	*N/A*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Benzene, 1-methyl-2-(1-methylethyl)-	*0.40*	*J N*	*mg/Kg*	☼	*10.29*	*527-84-4*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Benzene, 1,2,3,4-tetramethyl-	*0.43*	*J N*	*mg/Kg*	☼	*10.57*	*488-23-3*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Dodecane	*1.0*	*J N*	*mg/Kg*	☼	*10.89*	*112-40-3*	*05/24/25 10:58*	*06/01/25 10:12*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*05/24/25 10:58*	*06/01/25 10:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.3**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**97.7**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-A1-1B_13-15_20250522
Lab Sample ID: 460-326756-20

Date Collected: 05/22/25 15:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,2,3-Trichlorobenzene	0.0012	U *	0.0012	0.00088	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,2,4-Trichlorobenzene	0.0012	U *	0.0012	0.00043	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
2-Hexanone	0.0060	U	0.0060	0.0020	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Acetone	**0.022**		0.0072	0.0068	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Acrolein	0.12	U	0.12	0.033	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Acrylonitrile	0.012	U	0.012	0.0058	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A1-1B_13-15_20250522
Lab Sample ID: 460-326756-20
Date Collected: 05/22/25 15:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Methyl acetate	0.0060	U	0.0060	0.0051	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
TBA	0.012	U	0.012	0.0094	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0073*	*J*	*mg/Kg*	☼	*9.95*	*N/A*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Dodecane	*0.0098*	*J N*	*mg/Kg*	☼	*10.88*	*112-40-3*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Naphthalene	*0.0061*	*J N*	*mg/Kg*	☼	*11.29*	*91-20-3*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Eicosane	*0.0094*	*J N*	*mg/Kg*	☼	*11.58*	*112-95-8*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Unknown	*0.0064*	*J*	*mg/Kg*	☼	*11.73*	*N/A*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Naphthalene, 2-methyl-	*0.020*	*J N*	*mg/Kg*	☼	*12.18*	*91-57-6*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Naphthalene, 1-methyl-	*0.0062*	*J N*	*mg/Kg*	☼	*12.36*	*90-12-0*	*05/24/25 10:59*	*06/03/25 00:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 150*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/24/25 10:59*	*06/03/25 00:16*	*1*

Client Sample ID: SRI-A1-1B_13-15_20250522
Lab Sample ID: 460-326756-20

Date Collected: 05/22/25 15:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.6

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.4		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	96.6		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-A1-4B_3-5_20250522
Lab Sample ID: 460-326756-21

Date Collected: 05/22/25 15:30
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Acrolein	0.12	U	0.12	0.034	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Acrylonitrile	0.012	U	0.012	0.0060	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Methyl acetate	0.0061	U	0.0061	0.0053	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1

Client Sample ID: SRI-A1-4B_3-5_20250522
Lab Sample ID: 460-326756-21

Date Collected: 05/22/25 15:30
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
TBA	0.012	U	0.012	0.0096	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 10:59*	*06/01/25 14:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*05/24/25 10:59*	*06/01/25 14:46*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*	*05/24/25 10:59*	*06/01/25 14:46*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*05/24/25 10:59*	*06/01/25 14:46*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/24/25 10:59*	*06/01/25 14:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	**95.8**		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: SRI-B4-3_3-5_20250522
Lab Sample ID: 460-326756-22

Date Collected: 05/22/25 11:45
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1

Client Sample ID: SRI-B4-3_3-5_20250522
Lab Sample ID: 460-326756-22
Date Collected: 05/22/25 11:45
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Acrylonitrile	0.011	U	0.011	0.0055	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Methylene Chloride	**0.0031**		0.0022	0.0013	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
TBA	0.011	U	0.011	0.0088	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Tetrachloroethene	**0.00034**	**J**	0.0011	0.00034	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 08:25*	*06/01/25 15:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/24/25 08:25*	*06/01/25 15:11*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/24/25 08:25*	*06/01/25 15:11*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*05/24/25 08:25*	*06/01/25 15:11*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/24/25 08:25*	*06/01/25 15:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.5**		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: SRI-B4-3_3-5_20250522
Lab Sample ID: 460-326756-22
Date Collected: 05/22/25 11:45
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.5

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	96.5		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: SRI-B4-3_8-10_20250522
Lab Sample ID: 460-326756-23
Date Collected: 05/22/25 11:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00035	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00068	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00063	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00077	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
2-Butanone (MEK)	0.0074	U	0.0074	0.00055	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
2-Hexanone	0.0074	U	0.0074	0.0025	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
4-Methyl-2-pentanone (MIBK)	0.0074	U	0.0074	0.0023	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Acetone	0.0089	U	0.0089	0.0085	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Acrolein	0.15	U	0.15	0.042	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Acrylonitrile	0.015	U	0.015	0.0072	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Benzene	0.0015	U	0.0015	0.00084	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Bromoform	0.0015	U	0.0015	0.00063	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Bromomethane	0.0030	U	0.0030	0.0015	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Carbon disulfide	0.0015	U	0.0015	0.00040	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Carbon tetrachloride	0.0015	U	0.0015	0.00058	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Chlorobenzene	0.0015	U	0.0015	0.00075	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Chlorobromomethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Chlorodibromomethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Chloroethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Chloromethane	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00053	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00050	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Ethylbenzene	0.0015	U	0.0015	0.00070	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Ethylene Dibromide	0.0015	U	0.0015	0.00075	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Methyl acetate	0.0074	U	0.0074	0.0064	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00076	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Methylcyclohexane	0.0015	U	0.0015	0.00074	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1

Client Sample ID: SRI-B4-3_8-10_20250522
Lab Sample ID: 460-326756-23
Date Collected: 05/22/25 11:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.0030	U	0.0030	0.0017	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00063	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
o-Xylene	0.0015	U	0.0015	0.00069	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
TBA	0.015	U	0.015	0.012	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Tetrachloroethene	0.0015	U	0.0015	0.00045	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00037	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Trichloroethene	0.0015	U	0.0015	0.00048	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00060	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Vinyl chloride	0.0015	U	0.0015	0.00081	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 08:26*	*06/01/25 15:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/24/25 08:26*	*06/01/25 15:37*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/24/25 08:26*	*06/01/25 15:37*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*05/24/25 08:26*	*06/01/25 15:37*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/24/25 08:26*	*06/01/25 15:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.8**		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	**97.2**		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: SRI-B4-3_13-15_20250522
Lab Sample ID: 460-326756-24
Date Collected: 05/22/25 11:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.078	U	0.078	0.022	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,1,2,2-Tetrachloroethane	0.078	U	0.078	0.016	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.078	U	0.078	0.027	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,1,2-Trichloroethane	0.078	U	0.078	0.016	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,1-Dichloroethane	0.078	U	0.078	0.019	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,1-Dichloroethene	0.078	U	0.078	0.021	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,2,3-Trichlorobenzene	0.078	U	0.078	0.027	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,2,4-Trichlorobenzene	0.078	U	0.078	0.021	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,2-Dibromo-3-Chloropropane	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,2-Dichlorobenzene	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,2-Dichloroethane	0.078	U	0.078	0.020	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,2-Dichloropropane	0.078	U	0.078	0.014	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,3-Dichlorobenzene	0.078	U	0.078	0.026	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,4-Dichlorobenzene	0.078	U	0.078	0.026	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
2-Butanone (MEK)	0.39	U	0.39	0.17	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
2-Hexanone	0.39	U	0.39	0.089	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
4-Methyl-2-pentanone (MIBK)	0.39	U	0.39	0.10	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Acetone	0.39	U	0.39	0.35	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-3_13-15_20250522
Lab Sample ID: 460-326756-24
Date Collected: 05/22/25 11:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.39	U	0.39	0.19	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Acrylonitrile	0.78	U	0.78	0.14	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Benzene	0.078	U	0.078	0.016	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Bromoform	0.078	U	0.078	0.014	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Bromomethane	0.078	U	0.078	0.043	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Carbon disulfide	0.078	U *	0.078	0.053	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Carbon tetrachloride	0.078	U	0.078	0.026	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Chlorobenzene	0.078	U	0.078	0.019	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Chlorobromomethane	0.078	U	0.078	0.023	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Chlorodibromomethane	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Chloroethane	0.078	U	0.078	0.029	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Chloroform	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Chloromethane	0.078	U	0.078	0.031	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
cis-1,2-Dichloroethene	0.078	U	0.078	0.020	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
cis-1,3-Dichloropropene	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Cyclohexane	0.078	U	0.078	0.020	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Dichlorobromomethane	0.078	U	0.078	0.012	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Dichlorodifluoromethane	0.078	U	0.078	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Ethylbenzene	**0.073**	**J**	0.078	0.023	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Ethylene Dibromide	0.078	U	0.078	0.015	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Isopropylbenzene	**2.1**		0.078	0.025	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Methyl acetate	0.39	U	0.39	0.061	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Methyl tert-butyl ether	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Methylcyclohexane	**13**		0.078	0.057	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Methylene Chloride	0.078	U	0.078	0.016	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
m-Xylene & p-Xylene	0.078	U	0.078	0.022	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
o-Xylene	0.078	U	0.078	0.025	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Styrene	0.078	U	0.078	0.013	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
TBA	0.78	U	0.78	0.65	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Tetrachloroethene	0.078	U	0.078	0.028	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Toluene	0.078	U	0.078	0.020	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
trans-1,2-Dichloroethene	0.078	U	0.078	0.014	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
trans-1,3-Dichloropropene	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Trichloroethene	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Trichlorofluoromethane	0.078	U	0.078	0.025	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Vinyl chloride	0.078	U	0.078	0.016	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Heptane, 3-methyl-	*9.9*	*J N*	*mg/Kg*	☼	*5.43*	*589-81-1*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Cyclohexane, 1,3-dimethyl-, trans-	*18*	*J N*	*mg/Kg*	☼	*5.69*	*2207-03-6*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Cyclohexane, 1-ethyl-2-methyl-	*11*	*J N*	*mg/Kg*	☼	*8.41*	*3728-54-9*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Cyclohexane, (1-methylethyl)-	*12*	*J N*	*mg/Kg*	☼	*8.77*	*696-29-7*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Benzene, 1,2-diethyl-	*13*	*J N*	*mg/Kg*	☼	*10.43*	*135-01-3*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Benzene, 4-ethyl-1,2-dimethyl-	*17*	*J N*	*mg/Kg*	☼	*10.82*	*934-80-5*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Benzene, 1-ethenyl-3-ethyl-	*14*	*J N*	*mg/Kg*	☼	*10.90*	*7525-62-4*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Benzene, 1,2,3,4-tetramethyl-	*11*	*J N*	*mg/Kg*	☼	*11.13*	*488-23-3*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
1H-Indene, 2,3-dihydro-5-methyl-	*11*	*J N*	*mg/Kg*	☼	*11.37*	*874-35-1*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Benzene, 2-ethenyl-1,4-dimethyl-	*17*	*J N*	*mg/Kg*	☼	*11.50*	*2039-89-6*	*05/24/25 08:19*	*05/28/25 03:51*	*50*

Client Sample ID: SRI-B4-3_13-15_20250522
Lab Sample ID: 460-326756-24

Date Collected: 05/22/25 11:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*60 - 150*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
4-Bromofluorobenzene	*120*		*70 - 150*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Dibromofluoromethane (Surr)	*113*		*68 - 150*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Toluene-d8 (Surr)	*111*		*64 - 157*	*05/24/25 08:19*	*05/28/25 03:51*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.7**		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	**97.3**		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: SRI-B4-3_15-17_20250522
Lab Sample ID: 460-326756-25

Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.11	U	0.11	0.031	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.022	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.11	U	0.11	0.037	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,1,2-Trichloroethane	0.11	U	0.11	0.022	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,1-Dichloroethane	0.11	U	0.11	0.026	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,1-Dichloroethene	0.11	U	0.11	0.029	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,2,3-Trichlorobenzene	0.11	U	0.11	0.039	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,2,4-Trichlorobenzene	0.11	U	0.11	0.030	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,2-Dibromo-3-Chloropropane	0.11	U	0.11	0.023	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,2-Dichlorobenzene	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,2-Dichloroethane	0.11	U	0.11	0.028	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,2-Dichloropropane	0.11	U	0.11	0.020	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,3-Dichlorobenzene	0.11	U	0.11	0.036	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,4-Dichlorobenzene	0.11	U	0.11	0.037	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
2-Butanone (MEK)	0.55	U	0.55	0.24	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
2-Hexanone	0.55	U	0.55	0.13	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
4-Methyl-2-pentanone (MIBK)	0.55	U	0.55	0.14	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Acetone	0.55	U	0.55	0.49	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Acrolein	0.55	U	0.55	0.26	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Acrylonitrile	1.1	U	1.1	0.20	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Benzene	0.11	U	0.11	0.022	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Bromoform	0.11	U	0.11	0.020	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Bromomethane	0.11	U	0.11	0.061	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Carbon disulfide	0.11	U *	0.11	0.074	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Carbon tetrachloride	0.11	U	0.11	0.036	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Chlorobenzene	0.11	U	0.11	0.026	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Chlorobromomethane	0.11	U	0.11	0.033	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Chlorodibromomethane	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Chloroethane	0.11	U	0.11	0.041	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Chloroform	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Chloromethane	0.11	U	0.11	0.044	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
cis-1,2-Dichloroethene	0.11	U	0.11	0.029	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
cis-1,3-Dichloropropene	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Cyclohexane	0.11	U	0.11	0.029	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Dichlorobromomethane	0.11	U	0.11	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-3_15-17_20250522
Lab Sample ID: 460-326756-25
Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.11	U	0.11	0.034	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Ethylbenzene	**0.065**	**J**	0.11	0.033	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Ethylene Dibromide	0.11	U	0.11	0.021	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Isopropylbenzene	**0.61**		0.11	0.035	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Methyl acetate	0.55	U	0.55	0.086	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Methyl tert-butyl ether	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Methylcyclohexane	**1.1**		0.11	0.080	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Methylene Chloride	0.11	U	0.11	0.023	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
m-Xylene & p-Xylene	0.11	U	0.11	0.031	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
o-Xylene	0.11	U	0.11	0.035	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Styrene	0.11	U	0.11	0.019	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
TBA	1.1	U	1.1	0.91	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Tetrachloroethene	0.11	U	0.11	0.040	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Toluene	0.11	U	0.11	0.028	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
trans-1,2-Dichloroethene	0.11	U	0.11	0.020	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
trans-1,3-Dichloropropene	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Trichloroethene	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Trichlorofluoromethane	0.11	U	0.11	0.035	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Vinyl chloride	0.11	U	0.11	0.022	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Heptane, 2,6-dimethyl-	*6.6*	*J N*	*mg/Kg*	☼	*6.58*	*1072-05-5*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Cyclohexane, 1,1,3-trimethyl-	*6.3*	*J N*	*mg/Kg*	☼	*6.98*	*3073-66-3*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Hexane, 3-ethyl-	*7.1*	*J N*	*mg/Kg*	☼	*7.36*	*619-99-8*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Unknown	*8.5*	*J*	*mg/Kg*	☼	*7.54*	*N/A*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Cyclohexane, 1-ethyl-2-methyl-	*6.0*	*J N*	*mg/Kg*	☼	*8.09*	*3728-54-9*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Unknown	*11*	*J*	*mg/Kg*	☼	*8.40*	*N/A*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Nonane, 3-methyl-	*10*	*J N*	*mg/Kg*	☼	*8.66*	*5911-04-6*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Cyclohexane, (1-methylethyl)-	*6.1*	*J N*	*mg/Kg*	☼	*8.77*	*696-29-7*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Unknown	*5.7*	*J*	*mg/Kg*	☼	*9.37*	*N/A*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Benzene, 1-ethyl-2,4-dimethyl-	*7.4*	*J N*	*mg/Kg*	☼	*10.82*	*874-41-9*	*05/24/25 08:19*	*05/28/25 04:14*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*60 - 150*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
4-Bromofluorobenzene	*125*		*70 - 150*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Dibromofluoromethane (Surr)	*112*		*68 - 150*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Toluene-d8 (Surr)	*116*		*64 - 157*	*05/24/25 08:19*	*05/28/25 04:14*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.3**		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	**97.7**		1.0	1.0	%			05/25/25 12:56	1

Surrogate Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-326580-1	SRI-A2-4_3-5_20250520	117	124	128	107
460-326580-2	SRI-A2-4_8-10_20250520	108	110	120	97
460-326580-3	SRI-A2-4_13-15_20250520	109	114	117	98
460-326580-5	SRI-B2-2_3-5_20250520	107	121	123	99
460-326580-6	SRI-B2-2_8-10_20250520	126	134 *	138	110
460-326580-7	SRI-B2-2_13-15_20250520	109	117	119	98
460-326580-8	SRI-A2-2_3-5_20250520	100	86	112	97
460-326580-9	SRI-A2-2_8-10_20250520	101	86	111	95
460-326580-10	SRI-A2-2_13-15_20250520	92	76	102	85
460-326580-11	SRI-A2-1_3-5_20250520	101	87	112	95
460-326580-12	SRI-A2-1_8-10_20250520	101	88	112	97
460-326580-13	SRI-A1-1_13-15_20250520	103	112	112	100
460-326580-14	SRI-X-3_13-15_20250520	104	113	112	97
460-326580-15	SRI-B1-4_22-24_20250520	112	116	121	100
460-326580-16	SRI-B2-3_22-24_20250520	153 *	121	121	108
460-326580-17	SRI-A2-3_3-5_20250520	103	116	112	100
460-326580-17 MS	SRI-A2-3_3-5_20250520	104	111	109	101
460-326580-17 MSD	SRI-A2-3_3-5_20250520	104	112	111	105
460-326580-18	SRI-A2-3_8-10_20250520	106	115	121	100
460-326580-19	SRI-A2-3_10-12_20250520	116	125	125	106
460-326580-20	SRI-A3-3_3-5_20250520	109	113	117	97
460-326580-21	SRI-A3-3_5-7_20250520	107	105	115	94
460-326580-22	SRI-A3-3_13-15_20250520	108	108	120	96
460-326580-22 MS	SRI-A3-3_13-15_20250520	117	125	121	113
460-326580-22 MSD	SRI-A3-3_13-15_20250520	103	107	108	100
460-326580-23	SRI-X-4_5-7_20250520	114	114	120	97
460-326580-27	SRI-A3-4_3-5_20250520	110	119	123	106
460-326580-28	SRI-A3-4_6-8_20250520	113	119	129	103
460-326580-29	SRI-A3-4_13-15_20250520	120	124	125	111
460-326580-30	SRI-A3-2_3-5_20250520	108	112	123	99
460-326580-31	SRI-A3-2_8-10_20250520	115	119	124	101
460-326580-32	SRI-A3-2_13-15_20250520	108	106	120	95
460-326580-33	SRI-A3-1_3-5_20250520	107	115	118	98
460-326580-34	SRI-A3-1_8-10_20250520	109	113	122	99
460-326580-35	SRI-A3-1_13-15_20250520	109	115	127	103
460-326580-36	SRI-A4-1_3-5_20250520	113	121	120	107
460-326580-37	SRI-A4-1_7-9_20250520	108	116	112	105
460-326580-38	SRI-A4-2_3-5_20250520	105	122	116	104
460-326580-39	SRI-A4-2_6-8_20250520	109	126	113	110
460-326644-11	SRI-A1-2_3-5_20250519	105	114	119	96
460-326644-12	SRI-A1-2_8-10_20250519	100	114	118	96
460-326644-13	SRI-A1-2_13-15_20250519	99	88	104	99
460-326644-14	SRI-X-1_13-15_20250519	103	109	117	95
460-326644-15	SRI-B1-2_3-5_20250519	105	109	114	96
460-326644-16	SRI-B1-2_5-7_20250519	118	126	133	109
460-326644-17	SRI-B1-2_13-15_20250519	102	109	117	97
460-326644-18	SRI-B1-2_18-20_20250519	109	112	119	99
460-326644-19	SRI-X-2_3-5_20250519	102	114	115	97
460-326644-20	SRI-B1-1_3-5_20250519	100	110	112	94

Surrogate Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-326644-20 MS	SRI-B1-1_3-5_20250519	105	106	112	94
460-326644-20 MSD	SRI-B1-1_3-5_20250519	103	108	111	96
460-326644-21	SRI-B1-3_3-5_20250519	108	114	121	97
460-326644-22	SRI-B1-3_5-7_20250519	94	99	103	86
460-326644-23	SRI-B1-3_13-15_20250519	107	107	118	94
460-326644-24	SRI-B1-4_3-5_20250519	94	103	103	88
460-326644-25	SRI-B1-4_5-7_20250519	107	116	108	97
460-326644-26	SRI-B1-4_13-15_20250519	106	111	114	96
460-326644-33	SRI-B2-1_3-5_20250519	122	132 *	134	112
460-326644-34	SRI-B1-4_18-20_20250519	105	115	118	94
460-326644-35	SRI-B2-1_18-20_20250519	96	85	103	97
460-326644-36	SRI-B2-1_13-15_20250519	107	113	122	97
460-326644-37	SRI-B2-1_8-10_20250519	107	112	122	100
460-326644-38	SRI-B2-3_3-5_20250519	107	117	125	102
460-326644-40	SRI-B2-3_8-10_20250519	110	113	121	100
460-326644-42	SRI-B2-4_3-5_20250519	97	86	106	95
460-326644-43	SRI-B2-4_7-9_20250519	96	85	106	95
460-326644-44	SRI-B2-4_13-15_20250519	86	79	96	86
460-326694-1	SRI-A4-4_3_5_20250521	103	109	106	97
460-326694-2	SRI-A4-4_6-8_20250521	107	115	111	103
460-326694-3	SRI-A4-3_3-5_20250521	105	120	110	104
460-326694-4	SRI-A4-3_8-10_20250521	106	110	110	98
460-326694-4 MS	SRI-A4-3_8-10_20250521	103	112	109	103
460-326694-4 MSD	SRI-A4-3_8-10_20250521	105	112	112	106
460-326694-5	SRI-A4-3_10-12_20250521	103	88	112	94
460-326694-6	SRI-X-5_3-5_20250521	100	116	114	99
460-326694-9	SRI-B3-4_3-5_20250521	109	122	118	108
460-326694-10	SRI-B3-4_6-8_20250521	119	140 *	127	118
460-326694-12	SRI-B3-4_16-18_20250521	106	138 *	105	101
460-326694-13	SRI-B3-2B_8-10_20250521	102	114	110	100
460-326694-14	SRI-B3-2B_12-14_20250521	101	113	112	102
460-326694-15	SRI-B3-2A_16-18_20250521	108	111	110	98
460-326694-15 MS	SRI-B3-2A_16-18_20250521	102	109	109	101
460-326694-15 MSD	SRI-B3-2A_16-18_20250521	101	108	109	98
460-326694-16	SRI-B3-3_8-10_20250521	105	114	112	102
460-326694-17	SRI-B3-3_13-15_20250521	109	117	115	105
460-326694-18	SRI-B3-3_18-20_20250521	108	119	113	102
460-326694-19	SRI-X-6_3-5_20250521	113	124	116	110
460-326694-20	SRI-B3-1_3-5_20250521	124	131 *	131	119
460-326694-21	SRI-B3-1_5-7_20250521	109	108	112	100
460-326694-24	SRI-B4-1A_3-5_20250521	102	120	114	104
460-326694-25	SRI-B4-1A_8-10_20250521	104	116	116	103
460-326694-26	SRI-B4-1A_13-15_20250521	105	115	108	101
460-326694-27	SRI-B3-2C_3-5_20250521	102	124	112	103
460-326694-28	SRI-B3-3B_3-5_20250521	103	116	109	102
460-326756-1	SRI-B4-4_3-5_20250522	108	87	110	98
460-326756-2	SRI-B4-4_8-10_20250522	109	84	113	102
460-326756-4	SRI-B4-1B_3-5_20250522	101	87	105	103
460-326756-5	SRI-B4-1B_8-10_20250522	95	79	99	92
460-326756-6	SRI-B4-1B_10-12_20250522	105	85	107	98

Surrogate Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-326756-7	SRI-B4-1B_15-17_20250522	104	86	108	99
460-326756-8	SRI-B4-2A_3-5_20250522	106	84	109	98
460-326756-9	SRI-B4-2A_8-10_20250522	106	85	110	99
460-326756-10	SRI-B4-2A_11-13_20250522	98	79	99	91
460-326756-14	SRI-X-7_3-5_20250522	100	85	105	98
460-326756-15	SRI-A1-3B_3-5_20250522	101	84	106	98
460-326756-16	SRI-A1-3B_7-9_20250522	103	83	107	97
460-326756-17	SRI-B4-4_15-17_20250522	86	77	93	100
460-326756-18	SRI-A1-1B_3-5_20250522	100	86	104	99
460-326756-18 MS	SRI-A1-1B_3-5_20250522	102	90	103	101
460-326756-18 MSD	SRI-A1-1B_3-5_20250522	88	89	106	99
460-326756-19	SRI-A1-1B_5-7_20250522	99	96	103	110
460-326756-20	SRI-A1-1B_13-15_20250522	99	88	104	100
460-326756-21	SRI-A1-4B_3-5_20250522	99	85	105	99
460-326756-22	SRI-B4-3_3-5_20250522	101	86	106	99
460-326756-23	SRI-B4-3_8-10_20250522	100	86	105	99
LB3 460-1038753/1-A	Method Blank	111	126	128	108
LB3 460-1038766/1-A	Method Blank	104	115	118	100
LB3 460-1038815/1-A	Method Blank	100	108	112	93
LB3 460-1038832/1-A	Method Blank	102	111	118	95
LB3 460-1039184/1-A	Method Blank	93	79	105	89
LB3 460-1039187/1-A	Method Blank	102	119	112	108
LB3 460-1039236/1-A	Method Blank	103	120	111	103
LB3 460-1039271/1-A	Method Blank	102	116	113	104
LB3 460-1039374/1-A	Method Blank	103	86	110	102
LB3 460-1039393/1-A	Method Blank	89	77	96	92
LCS 460-1039309/3	Lab Control Sample	93	90	104	99
LCS 460-1039310/4	Lab Control Sample	87	95	96	83
LCS 460-1039355/3	Lab Control Sample	102	108	117	98
LCS 460-1039469/3	Lab Control Sample	97	88	107	100
LCS 460-1039470/2	Lab Control Sample	96	105	107	93
LCS 460-1039554/3	Lab Control Sample	106	115	113	101
LCS 460-1039604/4	Lab Control Sample	103	91	110	99
LCS 460-1039609/3	Lab Control Sample	102	112	107	101
LCS 460-1039694/2	Lab Control Sample	97	108	102	96
LCS 460-1040206/2	Lab Control Sample	113	126	118	113
LCS 460-1040395/3	Lab Control Sample	107	114	115	103
LCS 460-1040662/3	Lab Control Sample	100	80	100	96
LCS 460-1040663/3	Lab Control Sample	106	112	111	103
LCS 460-1040792/3	Lab Control Sample	108	89	108	107
LCS 460-1040795/3	Lab Control Sample	106	107	108	99
LCS 460-1040884/2	Lab Control Sample	105	89	107	104
LCS 460-1040885/3	Lab Control Sample	103	110	107	100
LCS 460-1041006/3	Lab Control Sample	106	109	110	101
LCS 460-1041007/5	Lab Control Sample	98	90	103	104
LCS 460-1041319/3	Lab Control Sample	100	95	108	101
LCSD 460-1039309/6	Lab Control Sample Dup	88	84	96	92
LCSD 460-1039310/5	Lab Control Sample Dup	105	118	122	107
LCSD 460-1039355/4	Lab Control Sample Dup	108	116	120	107
LCSD 460-1039469/4	Lab Control Sample Dup	91	81	100	94

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
LCSD 460-1039470/3	Lab Control Sample Dup	99	107	110	95
LCSD 460-1039554/4	Lab Control Sample Dup	107	107	115	97
LCSD 460-1039604/5	Lab Control Sample Dup	91	81	101	92
LCSD 460-1039609/4	Lab Control Sample Dup	99	108	104	99
LCSD 460-1039694/3	Lab Control Sample Dup	100	104	106	97
LCSD 460-1040206/4	Lab Control Sample Dup	101	111	110	100
LCSD 460-1040395/4	Lab Control Sample Dup	107	120	110	104
LCSD 460-1040662/4	Lab Control Sample Dup	106	87	108	104
LCSD 460-1040663/4	Lab Control Sample Dup	105	111	109	101
LCSD 460-1040792/4	Lab Control Sample Dup	109	88	109	104
LCSD 460-1040795/4	Lab Control Sample Dup	106	111	110	101
LCSD 460-1040884/4	Lab Control Sample Dup	97	81	98	94
LCSD 460-1040885/4	Lab Control Sample Dup	106	115	113	105
LCSD 460-1041006/26	Lab Control Sample Dup	110	112	113	105
LCSD 460-1041007/6	Lab Control Sample Dup	101	92	105	104
LCSD 460-1041319/4	Lab Control Sample Dup	101	91	109	101
MB 460-1039309/8	Method Blank	95	87	107	98
MB 460-1039310/9	Method Blank	104	116	118	98
MB 460-1039355/8	Method Blank	96	108	109	92
MB 460-1039469/8	Method Blank	89	83	104	93
MB 460-1039470/8	Method Blank	103	109	113	95
MB 460-1039554/8	Method Blank	106	110	114	96
MB 460-1039604/9	Method Blank	100	80	107	91
MB 460-1039609/6	Method Blank	100	117	106	103
MB 460-1039694/8	Method Blank	98	114	106	101
MB 460-1040206/8	Method Blank	107	128	119	105
MB 460-1040395/9	Method Blank	108	123	111	106
MB 460-1040662/7	Method Blank	107	86	110	102
MB 460-1040663/9	Method Blank	106	116	109	103
MB 460-1040792/7	Method Blank	104	85	110	102
MB 460-1040795/7	Method Blank	105	112	107	101
MB 460-1040884/7	Method Blank	111	92	116	108
MB 460-1040885/8	Method Blank	112	116	112	101
MB 460-1041006/8	Method Blank	110	117	111	100
MB 460-1041007/9	Method Blank	102	87	103	100
MB 460-1041319/7	Method Blank	103	89	109	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(60-150)	(70-150)	(68-150)	(64-157)
460-326644-27	SRI-B1-4_17-19_20250519	124	126	113	114
460-326644-39	SRI-B2-3_13-15_20250519	123	125	114	114

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(60-150)	(70-150)	(68-150)	(64-157)
460-326644-41	SRI-B2-3_17-19_20250519	125	126	118	119
460-326694-11	SRI-B3-4_13-15_20250521	117	117	114	106
460-326756-3	SRI-B4-4_13-15_20250522	119	119	107	105
460-326756-13	SRI-B4-2B_18-20_20250522	134	107	122	109
460-326756-24	SRI-B4-3_13-15_20250522	124	120	113	111
460-326756-25	SRI-B4-3_15-17_20250522	118	125	112	116
LCS 460-1039663/3	Lab Control Sample	96	110	96	98
LCS 460-1039833/4	Lab Control Sample	97	114	98	102
LCS 460-1039921/7	Lab Control Sample	96	114	98	105
LCS 460-1041146/3	Lab Control Sample	103	101	104	101
LCSD 460-1039663/4	Lab Control Sample Dup	84	96	90	88
LCSD 460-1039833/5	Lab Control Sample Dup	98	115	99	104
LCSD 460-1039921/9	Lab Control Sample Dup	107	120	107	114
LCSD 460-1041146/4	Lab Control Sample Dup	106	101	106	101
MB 460-1039663/8	Method Blank	103	112	102	104
MB 460-1039833/9	Method Blank	96	112	95	101
MB 460-1039921/13	Method Blank	94	108	95	99
MB 460-1041146/9	Method Blank	108	100	106	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-326553-H-3 MS	Matrix Spike	100	96	107	99
460-326553-H-3 MSD	Matrix Spike Duplicate	100	100	106	98
460-326580-4	SRI-FB-3_20250520	100	96	106	97
460-326580-24	SRI-FB-4_20250520	101	97	108	98
460-326580-25	SRI-TB-3_20250520	101	97	107	98
460-326580-26	SRI-TB-4_20250520	102	95	105	97
460-326694-7	SRI-FB-5_20250521	99	102	125	100
460-326694-8	SRI-FB-6_20250521	98	98	126	97
460-326694-22	SRI-TB-5_20250521	100	98	121	97
460-326694-23	SRI-TB-6_20250521	104	97	124	96
460-326756-11	SRI-TB-7_20250522	98	96	99	102
460-326756-12	SRI-FB-7_20250522	98	97	99	103
LCS 460-1039512/2	Lab Control Sample	99	98	106	98
LCS 460-1039794/3	Lab Control Sample	96	108	113	102
LCS 460-1040671/4	Lab Control Sample	98	97	98	102
LCSD 460-1039794/4	Lab Control Sample Dup	96	105	114	105
LCSD 460-1040671/5	Lab Control Sample Dup	98	99	99	102
MB 460-1039512/8	Method Blank	100	94	106	96
MB 460-1039794/7	Method Blank	99	100	119	97
MB 460-1040671/9	Method Blank	98	96	98	102

Surrogate Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-1038753/1-A
Matrix: Solid
Analysis Batch: 1039310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038753

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/21/25 11:00	05/23/25 21:31	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1038753/1-A
Matrix: Solid
Analysis Batch: 1039310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038753

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/21/25 11:00	05/23/25 21:31	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/21/25 11:00*	*05/23/25 21:31*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*05/21/25 11:00*	*05/23/25 21:31*	*1*
4-Bromofluorobenzene	*126*		*71 - 128*	*05/21/25 11:00*	*05/23/25 21:31*	*1*
Dibromofluoromethane (Surr)	*128*		*50 - 150*	*05/21/25 11:00*	*05/23/25 21:31*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*	*05/21/25 11:00*	*05/23/25 21:31*	*1*

Lab Sample ID: LB3 460-1038766/1-A
Matrix: Solid
Analysis Batch: 1039310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038766

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 12:00	05/23/25 21:55	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1038766/1-A
Matrix: Solid
Analysis Batch: 1039310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038766

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/21/25 12:00	05/23/25 21:55	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/21/25 12:00*	*05/23/25 21:55*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*05/21/25 12:00*	*05/23/25 21:55*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*05/21/25 12:00*	*05/23/25 21:55*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*05/21/25 12:00*	*05/23/25 21:55*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/21/25 12:00*	*05/23/25 21:55*	*1*

Lab Sample ID: 460-326644-20 MS
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: SRI-B1-1_3-5_20250519
Prep Type: Total/NA
Prep Batch: 1038766

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0011	U *	0.0269	0.0322		mg/Kg	☼	120	78 - 120
1,1,2,2-Tetrachloroethane	0.0011	U	0.0269	0.0175	*	mg/Kg	☼	65	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0269	0.0336	*	mg/Kg	☼	125	75 - 121
1,1,2-Trichloroethane	0.0011	U	0.0269	0.0207	*	mg/Kg	☼	77	80 - 120
1,1-Dichloroethane	0.0011	U	0.0269	0.0246		mg/Kg	☼	92	72 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326644-20 MS
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: SRI-B1-1_3-5_20250519
Prep Type: Total/NA
Prep Batch: 1038766

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	0.0011	U *	0.0269	0.0297		mg/Kg	☼	111	76 - 120
1,2,3-Trichlorobenzene	0.0011	U	0.0269	0.0202	*	mg/Kg	☼	75	77 - 137
1,2,4-Trichlorobenzene	0.0011	U	0.0269	0.0209		mg/Kg	☼	78	77 - 136
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0269	0.0191	*	mg/Kg	☼	71	80 - 124
1,2-Dichlorobenzene	0.0011	U	0.0269	0.0228		mg/Kg	☼	85	80 - 120
1,2-Dichloroethane	0.0011	U	0.0269	0.0266		mg/Kg	☼	99	70 - 123
1,2-Dichloropropane	0.0011	U	0.0269	0.0211		mg/Kg	☼	79	73 - 124
1,3-Dichlorobenzene	0.0011	U	0.0269	0.0233		mg/Kg	☼	87	80 - 120
1,4-Dichlorobenzene	0.0011	U	0.0269	0.0240		mg/Kg	☼	89	80 - 120
2-Butanone (MEK)	0.0056	U	0.134	0.156		mg/Kg	☼	116	64 - 128
2-Hexanone	0.0056	U	0.134	0.127		mg/Kg	☼	94	75 - 120
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.134	0.129		mg/Kg	☼	96	80 - 120
Acetone	0.044		0.134	0.198		mg/Kg	☼	114	58 - 122
Acrolein	0.11	U	0.403	0.195	*	mg/Kg	☼	48	54 - 158
Acrylonitrile	0.011	U	0.269	0.229		mg/Kg	☼	85	56 - 120
Benzene	0.0011	U	0.0269	0.0225		mg/Kg	☼	84	75 - 120
Bromoform	0.0011	U	0.0269	0.0216		mg/Kg	☼	80	61 - 125
Bromomethane	0.0022	U	0.0269	0.0301		mg/Kg	☼	112	37 - 150
Carbon disulfide	0.0011	U	0.0269	0.0257		mg/Kg	☼	96	57 - 133
Carbon tetrachloride	0.0011	U *	0.0269	0.0330		mg/Kg	☼	123	66 - 127
Chlorobenzene	0.0011	U	0.0269	0.0245		mg/Kg	☼	91	80 - 120
Chlorobromomethane	0.0011	U	0.0269	0.0303		mg/Kg	☼	113	76 - 127
Chlorodibromomethane	0.0011	U	0.0269	0.0237		mg/Kg	☼	88	72 - 120
Chloroethane	0.0011	U	0.0269	0.0255		mg/Kg	☼	95	60 - 123
Chloroform	0.0011	U	0.0269	0.0280		mg/Kg	☼	104	79 - 126
Chloromethane	0.0011	U	0.0269	0.0219		mg/Kg	☼	82	46 - 122
cis-1,2-Dichloroethene	0.0011	U	0.0269	0.0266		mg/Kg	☼	99	80 - 123
cis-1,3-Dichloropropene	0.0011	U	0.0269	0.0208		mg/Kg	☼	77	75 - 120
Cyclohexane	0.0011	U	0.0269	0.0292		mg/Kg	☼	109	65 - 132
Dichlorobromomethane	0.0011	U	0.0269	0.0250		mg/Kg	☼	93	77 - 124
Dichlorodifluoromethane	0.0011	U *	0.0269	0.0362	*	mg/Kg	☼	135	45 - 129
Ethylbenzene	0.0011	U	0.0269	0.0248		mg/Kg	☼	92	80 - 120
Ethylene Dibromide	0.0011	U	0.0269	0.0221		mg/Kg	☼	82	79 - 120
Isopropylbenzene	0.0011	U	0.0269	0.0245		mg/Kg	☼	91	74 - 120
Methyl acetate	0.0056	U	0.0537	0.0710	*	mg/Kg	☼	132	57 - 120
Methyl tert-butyl ether	0.0011	U	0.0269	0.0242		mg/Kg	☼	90	74 - 125
Methylcyclohexane	0.0011	U	0.0269	0.0270		mg/Kg	☼	100	66 - 125
Methylene Chloride	0.0022	U	0.0269	0.0266		mg/Kg	☼	99	78 - 120
m-Xylene & p-Xylene	0.0011	U	0.0269	0.0239		mg/Kg	☼	89	80 - 120
o-Xylene	0.0011	U	0.0269	0.0249		mg/Kg	☼	93	80 - 120
Styrene	0.0011	U	0.0269	0.0229		mg/Kg	☼	85	80 - 120
TBA	0.14		0.269	0.326	*	mg/Kg	☼	68	79 - 120
Tetrachloroethene	0.0011	U *	0.0269	0.0283		mg/Kg	☼	105	73 - 120
Toluene	0.0011	U	0.0269	0.0229		mg/Kg	☼	85	80 - 120
trans-1,2-Dichloroethene	0.0011	U *	0.0269	0.0273		mg/Kg	☼	102	78 - 120
trans-1,3-Dichloropropene	0.0011	U	0.0269	0.0199	*	mg/Kg	☼	74	77 - 120
Trichloroethene	0.0011	U *	0.0269	0.0286		mg/Kg	☼	106	80 - 120
Trichlorofluoromethane	0.0011	U *	0.0269	0.0411	*	mg/Kg	☼	153	61 - 130
Vinyl chloride	0.0011	U	0.0269	0.0246		mg/Kg	☼	92	54 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		65 - 138
4-Bromofluorobenzene	106		71 - 128
Dibromofluoromethane (Surr)	112		50 - 150
Toluene-d8 (Surr)	94		71 - 126

Lab Sample ID: 460-326644-20 MSD — **Client Sample ID: SRI-B1-1_3-5_20250519**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1039470 — **Prep Batch: 1038766**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0011	U *	0.0268	0.0294		mg/Kg	☼	110	78 - 120	9	30
1,1,2,2-Tetrachloroethane	0.0011	U	0.0268	0.0153	*	mg/Kg	☼	57	70 - 133	13	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0268	0.0304		mg/Kg	☼	114	75 - 121	10	30
1,1,2-Trichloroethane	0.0011	U	0.0268	0.0183	*	mg/Kg	☼	68	80 - 120	13	30
1,1-Dichloroethane	0.0011	U	0.0268	0.0237		mg/Kg	☼	89	72 - 120	4	30
1,1-Dichloroethene	0.0011	U *	0.0268	0.0272		mg/Kg	☼	101	76 - 120	9	30
1,2,3-Trichlorobenzene	0.0011	U	0.0268	0.0163	*	mg/Kg	☼	61	77 - 137	21	30
1,2,4-Trichlorobenzene	0.0011	U	0.0268	0.0174	*	mg/Kg	☼	65	77 - 136	18	30
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0268	0.0166	*	mg/Kg	☼	62	80 - 124	14	30
1,2-Dichlorobenzene	0.0011	U	0.0268	0.0206	*	mg/Kg	☼	77	80 - 120	10	30
1,2-Dichloroethane	0.0011	U	0.0268	0.0243		mg/Kg	☼	91	70 - 123	9	30
1,2-Dichloropropane	0.0011	U	0.0268	0.0214		mg/Kg	☼	80	73 - 124	1	30
1,3-Dichlorobenzene	0.0011	U	0.0268	0.0220		mg/Kg	☼	82	80 - 120	6	30
1,4-Dichlorobenzene	0.0011	U	0.0268	0.0225		mg/Kg	☼	84	80 - 120	7	30
2-Butanone (MEK)	0.0056	U	0.134	0.150		mg/Kg	☼	112	64 - 128	3	30
2-Hexanone	0.0056	U	0.134	0.120		mg/Kg	☼	90	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.134	0.124		mg/Kg	☼	93	80 - 120	4	30
Acetone	0.044		0.134	0.150		mg/Kg	☼	79	58 - 122	27	30
Acrolein	0.11	U	0.402	0.225		mg/Kg	☼	56	54 - 158	15	30
Acrylonitrile	0.011	U	0.268	0.216		mg/Kg	☼	81	56 - 120	6	30
Benzene	0.0011	U	0.0268	0.0214		mg/Kg	☼	80	75 - 120	5	30
Bromoform	0.0011	U	0.0268	0.0199		mg/Kg	☼	74	61 - 125	8	30
Bromomethane	0.0022	U	0.0268	0.0262		mg/Kg	☼	98	37 - 150	14	30
Carbon disulfide	0.0011	U	0.0268	0.0256		mg/Kg	☼	95	57 - 133	0	30
Carbon tetrachloride	0.0011	U *	0.0268	0.0312		mg/Kg	☼	116	66 - 127	6	30
Chlorobenzene	0.0011	U	0.0268	0.0231		mg/Kg	☼	86	80 - 120	6	30
Chlorobromomethane	0.0011	U	0.0268	0.0276		mg/Kg	☼	103	76 - 127	10	30
Chlorodibromomethane	0.0011	U	0.0268	0.0224		mg/Kg	☼	83	72 - 120	6	30
Chloroethane	0.0011	U	0.0268	0.0224		mg/Kg	☼	84	60 - 123	13	30
Chloroform	0.0011	U	0.0268	0.0263		mg/Kg	☼	98	79 - 126	6	30
Chloromethane	0.0011	U	0.0268	0.0179		mg/Kg	☼	67	46 - 122	20	30
cis-1,2-Dichloroethene	0.0011	U	0.0268	0.0266		mg/Kg	☼	99	80 - 123	0	30
cis-1,3-Dichloropropene	0.0011	U	0.0268	0.0203		mg/Kg	☼	76	75 - 120	2	30
Cyclohexane	0.0011	U	0.0268	0.0255		mg/Kg	☼	95	65 - 132	14	30
Dichlorobromomethane	0.0011	U	0.0268	0.0234		mg/Kg	☼	87	77 - 124	7	30
Dichlorodifluoromethane	0.0011	U *	0.0268	0.0290		mg/Kg	☼	108	45 - 129	22	30
Ethylbenzene	0.0011	U	0.0268	0.0235		mg/Kg	☼	88	80 - 120	6	30
Ethylene Dibromide	0.0011	U	0.0268	0.0191	*	mg/Kg	☼	71	79 - 120	14	30
Isopropylbenzene	0.0011	U	0.0268	0.0220		mg/Kg	☼	82	74 - 120	11	30
Methyl acetate	0.0056	U	0.0536	0.0388	*	mg/Kg	☼	72	57 - 120	59	30
Methyl tert-butyl ether	0.0011	U	0.0268	0.0223		mg/Kg	☼	83	74 - 125	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326644-20 MSD
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: SRI-B1-1_3-5_20250519
Prep Type: Total/NA
Prep Batch: 1038766

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane	0.0011	U	0.0268	0.0214		mg/Kg	☼	80	66 - 125	23	30
Methylene Chloride	0.0022	U	0.0268	0.0245		mg/Kg	☼	91	78 - 120	8	30
m-Xylene & p-Xylene	0.0011	U	0.0268	0.0223		mg/Kg	☼	83	80 - 120	7	30
o-Xylene	0.0011	U	0.0268	0.0227		mg/Kg	☼	85	80 - 120	9	30
Styrene	0.0011	U	0.0268	0.0220		mg/Kg	☼	82	80 - 120	4	30
TBA	0.14		0.268	0.259	*	mg/Kg	☼	43	79 - 120	23	30
Tetrachloroethene	0.0011	U *	0.0268	0.0271		mg/Kg	☼	101	73 - 120	4	30
Toluene	0.0011	U	0.0268	0.0214		mg/Kg	☼	80	80 - 120	7	30
trans-1,2-Dichloroethene	0.0011	U *	0.0268	0.0281		mg/Kg	☼	105	78 - 120	3	30
trans-1,3-Dichloropropene	0.0011	U	0.0268	0.0188	*	mg/Kg	☼	70	77 - 120	6	30
Trichloroethene	0.0011	U *	0.0268	0.0273		mg/Kg	☼	102	80 - 120	5	30
Trichlorofluoromethane	0.0011	U *	0.0268	0.0326		mg/Kg	☼	122	61 - 130	23	30
Vinyl chloride	0.0011	U	0.0268	0.0218		mg/Kg	☼	81	54 - 122	12	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*
4-Bromofluorobenzene	*108*		*71 - 128*
Dibromofluoromethane (Surr)	*111*		*50 - 150*
Toluene-d8 (Surr)	*96*		*71 - 126*

Lab Sample ID: LB3 460-1038815/1-A
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038815

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/21/25 17:31	05/25/25 08:15	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1038815/1-A
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038815

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/21/25 17:31	05/25/25 08:15	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/21/25 17:31*	*05/25/25 08:15*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/21/25 17:31*	*05/25/25 08:15*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*05/21/25 17:31*	*05/25/25 08:15*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 17:31*	*05/25/25 08:15*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*05/21/25 17:31*	*05/25/25 08:15*	*1*

Lab Sample ID: 460-326580-17 MS
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A2-3_3-5_20250520
Prep Type: Total/NA
Prep Batch: 1038815

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0011	U	0.0253	0.0258		mg/Kg	☼	102	78 - 120
1,1,2,2-Tetrachloroethane	0.0011	U	0.0253	0.0193		mg/Kg	☼	76	70 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326580-17 MS
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A2-3_3-5_20250520
Prep Type: Total/NA
Prep Batch: 1038815

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0253	0.0290		mg/Kg	☼	115	75 - 121
1,1,2-Trichloroethane	0.0011	U	0.0253	0.0227		mg/Kg	☼	90	80 - 120
1,1-Dichloroethane	0.0011	U *	0.0253	0.0281		mg/Kg	☼	111	72 - 120
1,1-Dichloroethene	0.0011	U	0.0253	0.0266		mg/Kg	☼	105	76 - 120
1,2,3-Trichlorobenzene	0.0011	U	0.0253	0.0174	*	mg/Kg	☼	69	77 - 137
1,2,4-Trichlorobenzene	0.0011	U	0.0253	0.0186	*	mg/Kg	☼	74	77 - 136
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0253	0.0173	*	mg/Kg	☼	68	80 - 124
1,2-Dichlorobenzene	0.0011	U	0.0253	0.0206		mg/Kg	☼	82	80 - 120
1,2-Dichloroethane	0.0011	U	0.0253	0.0249		mg/Kg	☼	99	70 - 123
1,2-Dichloropropane	0.0011	U	0.0253	0.0269		mg/Kg	☼	107	73 - 124
1,3-Dichlorobenzene	0.0011	U	0.0253	0.0217		mg/Kg	☼	86	80 - 120
1,4-Dichlorobenzene	0.0011	U	0.0253	0.0215		mg/Kg	☼	85	80 - 120
2-Butanone (MEK)	0.0055	U	0.126	0.113		mg/Kg	☼	90	64 - 128
2-Hexanone	0.0055	U	0.126	0.127		mg/Kg	☼	100	75 - 120
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.126	0.130		mg/Kg	☼	103	80 - 120
Acetone	0.0066	U	0.126	0.144		mg/Kg	☼	114	58 - 122
Acrolein	0.11	U	0.379	0.324		mg/Kg	☼	86	54 - 158
Acrylonitrile	0.011	U	0.253	0.284		mg/Kg	☼	112	56 - 120
Benzene	0.0011	U	0.0253	0.0252		mg/Kg	☼	100	75 - 120
Bromoform	0.0011	U	0.0253	0.0202		mg/Kg	☼	80	61 - 125
Bromomethane	0.0022	U	0.0253	0.0264		mg/Kg	☼	104	37 - 150
Carbon disulfide	0.0011	U	0.0253	0.0279		mg/Kg	☼	110	57 - 133
Carbon tetrachloride	0.0011	U	0.0253	0.0256		mg/Kg	☼	101	66 - 127
Chlorobenzene	0.0011	U	0.0253	0.0230		mg/Kg	☼	91	80 - 120
Chlorobromomethane	0.0011	U	0.0253	0.0241		mg/Kg	☼	95	76 - 127
Chlorodibromomethane	0.0011	U	0.0253	0.0215		mg/Kg	☼	85	72 - 120
Chloroethane	0.0011	U	0.0253	0.0252		mg/Kg	☼	100	60 - 123
Chloroform	0.0011	U	0.0253	0.0260		mg/Kg	☼	103	79 - 126
Chloromethane	0.0011	U	0.0253	0.0256		mg/Kg	☼	101	46 - 122
cis-1,2-Dichloroethene	0.0011	U	0.0253	0.0255		mg/Kg	☼	101	80 - 123
cis-1,3-Dichloropropene	0.0011	U	0.0253	0.0239		mg/Kg	☼	95	75 - 120
Cyclohexane	0.0011	U	0.0253	0.0256		mg/Kg	☼	101	65 - 132
Dichlorobromomethane	0.0011	U	0.0253	0.0236		mg/Kg	☼	94	77 - 124
Dichlorodifluoromethane	0.0011	U	0.0253	0.0243		mg/Kg	☼	96	45 - 129
Ethylbenzene	0.0011	U	0.0253	0.0233		mg/Kg	☼	92	80 - 120
Ethylene Dibromide	0.0011	U	0.0253	0.0217		mg/Kg	☼	86	79 - 120
Isopropylbenzene	0.0011	U	0.0253	0.0220		mg/Kg	☼	87	74 - 120
Methyl acetate	0.0055	U *	0.0506	0.0646	*	mg/Kg	☼	128	57 - 120
Methyl tert-butyl ether	0.0011	U	0.0253	0.0245		mg/Kg	☼	97	74 - 125
Methylcyclohexane	0.0011	U	0.0253	0.0224		mg/Kg	☼	89	66 - 125
Methylene Chloride	0.0022	U	0.0253	0.0262		mg/Kg	☼	104	78 - 120
m-Xylene & p-Xylene	0.0011	U	0.0253	0.0232		mg/Kg	☼	92	80 - 120
o-Xylene	0.0011	U	0.0253	0.0234		mg/Kg	☼	93	80 - 120
Styrene	0.0011	U	0.0253	0.0220		mg/Kg	☼	87	80 - 120
TBA	0.015		0.253	0.252		mg/Kg	☼	94	79 - 120
Tetrachloroethene	0.0011	U	0.0253	0.0246		mg/Kg	☼	97	73 - 120
Toluene	0.0011	U	0.0253	0.0234		mg/Kg	☼	93	80 - 120
trans-1,2-Dichloroethene	0.0011	U *	0.0253	0.0268		mg/Kg	☼	106	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326580-17 MS
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A2-3_3-5_20250520
Prep Type: Total/NA
Prep Batch: 1038815

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	0.0011	U	0.0253	0.0219		mg/Kg	☼	87	77 - 120
Trichloroethene	0.0011	U	0.0253	0.0274		mg/Kg	☼	108	80 - 120
Trichlorofluoromethane	0.0011	U	0.0253	0.0229		mg/Kg	☼	90	61 - 130
Vinyl chloride	0.0011	U	0.0253	0.0241		mg/Kg	☼	95	54 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*
4-Bromofluorobenzene	*111*		*71 - 128*
Dibromofluoromethane (Surr)	*109*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: 460-326580-17 MSD
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A2-3_3-5_20250520
Prep Type: Total/NA
Prep Batch: 1038815

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0011	U	0.0206	0.0205		mg/Kg	☼	99	78 - 120	23	30
1,1,2,2-Tetrachloroethane	0.0011	U	0.0206	0.0143		mg/Kg	☼	70	70 - 133	29	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0206	0.0228		mg/Kg	☼	111	75 - 121	24	30
1,1,2-Trichloroethane	0.0011	U	0.0206	0.0180		mg/Kg	☼	87	80 - 120	23	30
1,1-Dichloroethane	0.0011	U *	0.0206	0.0223		mg/Kg	☼	108	72 - 120	23	30
1,1-Dichloroethene	0.0011	U	0.0206	0.0215		mg/Kg	☼	105	76 - 120	21	30
1,2,3-Trichlorobenzene	0.0011	U	0.0206	0.0142	*	mg/Kg	☼	69	77 - 137	20	30
1,2,4-Trichlorobenzene	0.0011	U	0.0206	0.0153	*	mg/Kg	☼	74	77 - 136	20	30
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0206	0.0133	*	mg/Kg	☼	64	80 - 124	26	30
1,2-Dichlorobenzene	0.0011	U	0.0206	0.0165		mg/Kg	☼	80	80 - 120	22	30
1,2-Dichloroethane	0.0011	U	0.0206	0.0197		mg/Kg	☼	96	70 - 123	24	30
1,2-Dichloropropane	0.0011	U	0.0206	0.0215		mg/Kg	☼	105	73 - 124	22	30
1,3-Dichlorobenzene	0.0011	U	0.0206	0.0173		mg/Kg	☼	84	80 - 120	23	30
1,4-Dichlorobenzene	0.0011	U	0.0206	0.0175		mg/Kg	☼	85	80 - 120	20	30
2-Butanone (MEK)	0.0055	U	0.103	0.0884		mg/Kg	☼	86	64 - 128	25	30
2-Hexanone	0.0055	U	0.103	0.102		mg/Kg	☼	99	75 - 120	22	30
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.103	0.102		mg/Kg	☼	99	80 - 120	24	30
Acetone	0.0066	U	0.103	0.111		mg/Kg	☼	107	58 - 122	26	30
Acrolein	0.11	U	0.309	0.243		mg/Kg	☼	79	54 - 158	29	30
Acrylonitrile	0.011	U	0.206	0.223		mg/Kg	☼	108	56 - 120	24	30
Benzene	0.0011	U	0.0206	0.0206		mg/Kg	☼	100	75 - 120	20	30
Bromoform	0.0011	U	0.0206	0.0157		mg/Kg	☼	76	61 - 125	25	30
Bromomethane	0.0022	U	0.0206	0.0200		mg/Kg	☼	97	37 - 150	28	30
Carbon disulfide	0.0011	U	0.0206	0.0228		mg/Kg	☼	111	57 - 133	20	30
Carbon tetrachloride	0.0011	U	0.0206	0.0204		mg/Kg	☼	99	66 - 127	22	30
Chlorobenzene	0.0011	U	0.0206	0.0185		mg/Kg	☼	90	80 - 120	22	30
Chlorobromomethane	0.0011	U	0.0206	0.0197		mg/Kg	☼	96	76 - 127	20	30
Chlorodibromomethane	0.0011	U	0.0206	0.0172		mg/Kg	☼	84	72 - 120	22	30
Chloroethane	0.0011	U	0.0206	0.0196		mg/Kg	☼	95	60 - 123	25	30
Chloroform	0.0011	U	0.0206	0.0205		mg/Kg	☼	100	79 - 126	23	30
Chloromethane	0.0011	U	0.0206	0.0196		mg/Kg	☼	95	46 - 122	26	30
cis-1,2-Dichloroethene	0.0011	U	0.0206	0.0207		mg/Kg	☼	100	80 - 123	21	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326580-17 MSD
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A2-3_3-5_20250520
Prep Type: Total/NA
Prep Batch: 1038815

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.0011	U	0.0206	0.0194		mg/Kg	☼	94	75 - 120	21	30
Cyclohexane	0.0011	U	0.0206	0.0207		mg/Kg	☼	101	65 - 132	21	30
Dichlorobromomethane	0.0011	U	0.0206	0.0188		mg/Kg	☼	92	77 - 124	23	30
Dichlorodifluoromethane	0.0011	U	0.0206	0.0183		mg/Kg	☼	89	45 - 129	28	30
Ethylbenzene	0.0011	U	0.0206	0.0186		mg/Kg	☼	91	80 - 120	22	30
Ethylene Dibromide	0.0011	U	0.0206	0.0176		mg/Kg	☼	85	79 - 120	21	30
Isopropylbenzene	0.0011	U	0.0206	0.0177		mg/Kg	☼	86	74 - 120	22	30
Methyl acetate	0.0055	U *	0.0412	0.0460	*	mg/Kg	☼	112	57 - 120	34	30
Methyl tert-butyl ether	0.0011	U	0.0206	0.0195		mg/Kg	☼	95	74 - 125	23	30
Methylcyclohexane	0.0011	U	0.0206	0.0182		mg/Kg	☼	88	66 - 125	21	30
Methylene Chloride	0.0022	U	0.0206	0.0217		mg/Kg	☼	105	78 - 120	19	30
m-Xylene & p-Xylene	0.0011	U	0.0206	0.0182		mg/Kg	☼	89	80 - 120	24	30
o-Xylene	0.0011	U	0.0206	0.0187		mg/Kg	☼	91	80 - 120	22	30
Styrene	0.0011	U	0.0206	0.0173		mg/Kg	☼	84	80 - 120	24	30
TBA	0.015		0.206	0.201		mg/Kg	☼	90	79 - 120	23	30
Tetrachloroethene	0.0011	U	0.0206	0.0199		mg/Kg	☼	97	73 - 120	21	30
Toluene	0.0011	U	0.0206	0.0189		mg/Kg	☼	92	80 - 120	22	30
trans-1,2-Dichloroethene	0.0011	U *	0.0206	0.0214		mg/Kg	☼	104	78 - 120	22	30
trans-1,3-Dichloropropene	0.0011	U	0.0206	0.0175		mg/Kg	☼	85	77 - 120	23	30
Trichloroethene	0.0011	U	0.0206	0.0224		mg/Kg	☼	109	80 - 120	20	30
Trichlorofluoromethane	0.0011	U	0.0206	0.0179		mg/Kg	☼	87	61 - 130	24	30
Vinyl chloride	0.0011	U	0.0206	0.0190		mg/Kg	☼	92	54 - 122	24	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*
4-Bromofluorobenzene	*112*		*71 - 128*
Dibromofluoromethane (Surr)	*111*		*50 - 150*
Toluene-d8 (Surr)	*105*		*71 - 126*

Lab Sample ID: LB3 460-1038832/1-A
Matrix: Solid
Analysis Batch: 1039554

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038832

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 18:33	05/25/25 20:07	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1038832/1-A
Matrix: Solid
Analysis Batch: 1039554

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038832

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/21/25 18:33	05/25/25 20:07	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/21/25 18:33*	*05/25/25 20:07*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/21/25 18:33*	*05/25/25 20:07*	*1*
4-Bromofluorobenzene	*111*		*71 - 128*	*05/21/25 18:33*	*05/25/25 20:07*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*05/21/25 18:33*	*05/25/25 20:07*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1038832/1-A
Matrix: Solid
Analysis Batch: 1039554

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038832

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		71 - 126	05/21/25 18:33	05/25/25 20:07	1

Lab Sample ID: 460-326580-22 MS
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A3-3_13-15_20250520
Prep Type: Total/NA
Prep Batch: 1038848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0012	U *	0.0270	0.0262		mg/Kg	☼	97	78 - 120
1,1,2,2-Tetrachloroethane	0.0012	U	0.0270	0.0194		mg/Kg	☼	72	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0270	0.0304		mg/Kg	☼	113	75 - 121
1,1,2-Trichloroethane	0.0012	U	0.0270	0.0236		mg/Kg	☼	87	80 - 120
1,1-Dichloroethane	0.0012	U	0.0270	0.0290		mg/Kg	☼	107	72 - 120
1,1-Dichloroethene	0.0012	U	0.0270	0.0268		mg/Kg	☼	99	76 - 120
1,2,3-Trichlorobenzene	0.0012	U	0.0270	0.0266		mg/Kg	☼	98	77 - 137
1,2,4-Trichlorobenzene	0.0012	U	0.0270	0.0272		mg/Kg	☼	101	77 - 136
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0270	0.0190	*	mg/Kg	☼	70	80 - 124
1,2-Dichlorobenzene	0.0012	U	0.0270	0.0243		mg/Kg	☼	90	80 - 120
1,2-Dichloroethane	0.0012	U	0.0270	0.0253		mg/Kg	☼	94	70 - 123
1,2-Dichloropropane	0.0012	U	0.0270	0.0281		mg/Kg	☼	104	73 - 124
1,3-Dichlorobenzene	0.0012	U	0.0270	0.0249		mg/Kg	☼	92	80 - 120
1,4-Dichlorobenzene	0.0012	U	0.0270	0.0251		mg/Kg	☼	93	80 - 120
2-Butanone (MEK)	0.0062	U *	0.135	0.110		mg/Kg	☼	82	64 - 128
2-Hexanone	0.0062	U	0.135	0.122		mg/Kg	☼	91	75 - 120
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.135	0.122		mg/Kg	☼	90	80 - 120
Acetone	0.039		0.135	0.174		mg/Kg	☼	100	58 - 122
Acrolein	0.12	U	0.405	0.287		mg/Kg	☼	71	54 - 158
Acrylonitrile	0.012	U	0.270	0.247		mg/Kg	☼	92	56 - 120
Benzene	0.0012	U	0.0270	0.0258		mg/Kg	☼	96	75 - 120
Bromoform	0.0012	U	0.0270	0.0218		mg/Kg	☼	81	61 - 125
Bromomethane	0.0025	U	0.0270	0.0249		mg/Kg	☼	92	37 - 150
Carbon disulfide	0.0012	U	0.0270	0.0300		mg/Kg	☼	111	57 - 133
Carbon tetrachloride	0.0012	U	0.0270	0.0268		mg/Kg	☼	99	66 - 127
Chlorobenzene	0.0012	U	0.0270	0.0242		mg/Kg	☼	90	80 - 120
Chlorobromomethane	0.0012	U	0.0270	0.0260		mg/Kg	☼	96	76 - 127
Chlorodibromomethane	0.0012	U	0.0270	0.0220		mg/Kg	☼	81	72 - 120
Chloroethane	0.0012	U	0.0270	0.0243		mg/Kg	☼	90	60 - 123
Chloroform	0.0012	U	0.0270	0.0269		mg/Kg	☼	100	79 - 126
Chloromethane	0.0012	U	0.0270	0.0245		mg/Kg	☼	91	46 - 122
cis-1,2-Dichloroethene	0.0012	U	0.0270	0.0265		mg/Kg	☼	98	80 - 123
cis-1,3-Dichloropropene	0.0012	U	0.0270	0.0245		mg/Kg	☼	91	75 - 120
Cyclohexane	0.0012	U	0.0270	0.0291		mg/Kg	☼	108	65 - 132
Dichlorobromomethane	0.0012	U	0.0270	0.0239		mg/Kg	☼	89	77 - 124
Dichlorodifluoromethane	0.0012	U	0.0270	0.0234		mg/Kg	☼	87	45 - 129
Ethylbenzene	0.0012	U	0.0270	0.0248		mg/Kg	☼	92	80 - 120
Ethylene Dibromide	0.0012	U	0.0270	0.0237		mg/Kg	☼	88	79 - 120
Isopropylbenzene	0.0012	U	0.0270	0.0250		mg/Kg	☼	92	74 - 120
Methyl acetate	0.0062	U	0.0540	0.0644		mg/Kg	☼	119	57 - 120
Methyl tert-butyl ether	0.0012	U	0.0270	0.0257		mg/Kg	☼	95	74 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326580-22 MS
Client Sample ID: SRI-A3-3_13-15_20250520
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040663
Prep Batch: 1038848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Methylcyclohexane	0.0012	U	0.0270	0.0280		mg/Kg	☼	104	66 - 125
Methylene Chloride	0.0025	U	0.0270	0.0271		mg/Kg	☼	100	78 - 120
m-Xylene & p-Xylene	0.0012	U	0.0270	0.0237		mg/Kg	☼	88	80 - 120
o-Xylene	0.0012	U	0.0270	0.0244		mg/Kg	☼	91	80 - 120
Styrene	0.0012	U	0.0270	0.0235		mg/Kg	☼	87	80 - 120
TBA	0.12		0.270	0.357		mg/Kg	☼	89	79 - 120
Tetrachloroethene	0.0012	U	0.0270	0.0268		mg/Kg	☼	99	73 - 120
Toluene	0.0012	U	0.0270	0.0243		mg/Kg	☼	90	80 - 120
trans-1,2-Dichloroethene	0.0012	U	0.0270	0.0278		mg/Kg	☼	103	78 - 120
trans-1,3-Dichloropropene	0.0012	U	0.0270	0.0231		mg/Kg	☼	85	77 - 120
Trichloroethene	0.0012	U	0.0270	0.0295		mg/Kg	☼	109	80 - 120
Trichlorofluoromethane	0.0012	U	0.0270	0.0221		mg/Kg	☼	82	61 - 130
Vinyl chloride	0.0012	U	0.0270	0.0239		mg/Kg	☼	89	54 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*
4-Bromofluorobenzene	*125*		*71 - 128*
Dibromofluoromethane (Surr)	*121*		*50 - 150*
Toluene-d8 (Surr)	*113*		*71 - 126*

Lab Sample ID: 460-326580-22 MSD
Client Sample ID: SRI-A3-3_13-15_20250520
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040663
Prep Batch: 1038848

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0012	U *	0.0259	0.0249		mg/Kg	☼	96	78 - 120	5	30
1,1,2,2-Tetrachloroethane	0.0012	U	0.0259	0.0189		mg/Kg	☼	73	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0259	0.0302		mg/Kg	☼	117	75 - 121	1	30
1,1,2-Trichloroethane	0.0012	U	0.0259	0.0220		mg/Kg	☼	85	80 - 120	7	30
1,1-Dichloroethane	0.0012	U	0.0259	0.0268		mg/Kg	☼	104	72 - 120	8	30
1,1-Dichloroethene	0.0012	U	0.0259	0.0264		mg/Kg	☼	102	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0012	U	0.0259	0.0251		mg/Kg	☼	97	77 - 137	6	30
1,2,4-Trichlorobenzene	0.0012	U	0.0259	0.0260		mg/Kg	☼	101	77 - 136	5	30
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0259	0.0187	*	mg/Kg	☼	72	80 - 124	2	30
1,2-Dichlorobenzene	0.0012	U	0.0259	0.0226		mg/Kg	☼	87	80 - 120	7	30
1,2-Dichloroethane	0.0012	U	0.0259	0.0244		mg/Kg	☼	94	70 - 123	4	30
1,2-Dichloropropane	0.0012	U	0.0259	0.0267		mg/Kg	☼	103	73 - 124	5	30
1,3-Dichlorobenzene	0.0012	U	0.0259	0.0239		mg/Kg	☼	92	80 - 120	4	30
1,4-Dichlorobenzene	0.0012	U	0.0259	0.0238		mg/Kg	☼	92	80 - 120	6	30
2-Butanone (MEK)	0.0062	U *	0.129	0.107		mg/Kg	☼	83	64 - 128	3	30
2-Hexanone	0.0062	U	0.129	0.113		mg/Kg	☼	88	75 - 120	8	30
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.129	0.114		mg/Kg	☼	88	80 - 120	7	30
Acetone	0.039		0.129	0.141		mg/Kg	☼	79	58 - 122	21	30
Acrolein	0.12	U	0.388	0.282		mg/Kg	☼	73	54 - 158	2	30
Acrylonitrile	0.012	U	0.259	0.266		mg/Kg	☼	103	56 - 120	7	30
Benzene	0.0012	U	0.0259	0.0236		mg/Kg	☼	91	75 - 120	9	30
Bromoform	0.0012	U	0.0259	0.0207		mg/Kg	☼	80	61 - 125	5	30
Bromomethane	0.0025	U	0.0259	0.0252		mg/Kg	☼	97	37 - 150	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326580-22 MSD
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A3-3_13-15_20250520
Prep Type: Total/NA
Prep Batch: 1038848

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon disulfide	0.0012	U	0.0259	0.0289		mg/Kg	☼	112	57 - 133	4	30
Carbon tetrachloride	0.0012	U	0.0259	0.0253		mg/Kg	☼	98	66 - 127	6	30
Chlorobenzene	0.0012	U	0.0259	0.0229		mg/Kg	☼	88	80 - 120	6	30
Chlorobromomethane	0.0012	U	0.0259	0.0248		mg/Kg	☼	96	76 - 127	5	30
Chlorodibromomethane	0.0012	U	0.0259	0.0208		mg/Kg	☼	80	72 - 120	6	30
Chloroethane	0.0012	U	0.0259	0.0255		mg/Kg	☼	99	60 - 123	5	30
Chloroform	0.0012	U	0.0259	0.0248		mg/Kg	☼	96	79 - 126	8	30
Chloromethane	0.0012	U	0.0259	0.0253		mg/Kg	☼	98	46 - 122	4	30
cis-1,2-Dichloroethene	0.0012	U	0.0259	0.0255		mg/Kg	☼	99	80 - 123	4	30
cis-1,3-Dichloropropene	0.0012	U	0.0259	0.0235		mg/Kg	☼	91	75 - 120	4	30
Cyclohexane	0.0012	U	0.0259	0.0284		mg/Kg	☼	110	65 - 132	2	30
Dichlorobromomethane	0.0012	U	0.0259	0.0234		mg/Kg	☼	90	77 - 124	2	30
Dichlorodifluoromethane	0.0012	U	0.0259	0.0239		mg/Kg	☼	93	45 - 129	2	30
Ethylbenzene	0.0012	U	0.0259	0.0229		mg/Kg	☼	88	80 - 120	8	30
Ethylene Dibromide	0.0012	U	0.0259	0.0221		mg/Kg	☼	85	79 - 120	7	30
Isopropylbenzene	0.0012	U	0.0259	0.0230		mg/Kg	☼	89	74 - 120	8	30
Methyl acetate	0.0062	U	0.0517	0.0554		mg/Kg	☼	107	57 - 120	15	30
Methyl tert-butyl ether	0.0012	U	0.0259	0.0239		mg/Kg	☼	92	74 - 125	7	30
Methylcyclohexane	0.0012	U	0.0259	0.0280		mg/Kg	☼	108	66 - 125	0	30
Methylene Chloride	0.0025	U	0.0259	0.0256		mg/Kg	☼	99	78 - 120	6	30
m-Xylene & p-Xylene	0.0012	U	0.0259	0.0226		mg/Kg	☼	87	80 - 120	5	30
o-Xylene	0.0012	U	0.0259	0.0232		mg/Kg	☼	90	80 - 120	5	30
Styrene	0.0012	U	0.0259	0.0223		mg/Kg	☼	86	80 - 120	5	30
TBA	0.12		0.259	0.297	*	mg/Kg	☼	70	79 - 120	18	30
Tetrachloroethene	0.0012	U	0.0259	0.0245		mg/Kg	☼	95	73 - 120	9	30
Toluene	0.0012	U	0.0259	0.0222		mg/Kg	☼	86	80 - 120	9	30
trans-1,2-Dichloroethene	0.0012	U	0.0259	0.0258		mg/Kg	☼	100	78 - 120	7	30
trans-1,3-Dichloropropene	0.0012	U	0.0259	0.0212		mg/Kg	☼	82	77 - 120	8	30
Trichloroethene	0.0012	U	0.0259	0.0278		mg/Kg	☼	107	80 - 120	6	30
Trichlorofluoromethane	0.0012	U	0.0259	0.0237		mg/Kg	☼	91	61 - 130	7	30
Vinyl chloride	0.0012	U	0.0259	0.0246		mg/Kg	☼	95	54 - 122	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*
4-Bromofluorobenzene	*107*		*71 - 128*
Dibromofluoromethane (Surr)	*108*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: LB3 460-1039184/1-A
Matrix: Solid
Analysis Batch: 1039604

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039184

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 07:19	05/27/25 01:50	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1039184/1-A
Matrix: Solid
Analysis Batch: 1039604

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039184

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/23/25 07:19	05/27/25 01:50	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Tentatively Identified Compound	LB3 Est. Result	LB3 Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg			N/A	05/23/25 07:19	05/27/25 01:50	1

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		65 - 138	05/23/25 07:19	05/27/25 01:50	1
4-Bromofluorobenzene	79		71 - 128	05/23/25 07:19	05/27/25 01:50	1
Dibromofluoromethane (Surr)	105		50 - 150	05/23/25 07:19	05/27/25 01:50	1
Toluene-d8 (Surr)	89		71 - 126	05/23/25 07:19	05/27/25 01:50	1

Lab Sample ID: 460-326694-4 MS
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A4-3_8-10_20250521
Prep Type: Total/NA
Prep Batch: 1039184

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0013	U	0.0223	0.0217		mg/Kg	☼	97	78 - 120
1,1,2,2-Tetrachloroethane	0.0013	U	0.0223	0.00999	*	mg/Kg	☼	45	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0223	0.0239		mg/Kg	☼	107	75 - 121
1,1,2-Trichloroethane	0.0013	U	0.0223	0.0192		mg/Kg	☼	86	80 - 120
1,1-Dichloroethane	0.0013	U	0.0223	0.0234		mg/Kg	☼	105	72 - 120
1,1-Dichloroethene	0.0013	U	0.0223	0.0200		mg/Kg	☼	90	76 - 120
1,2,3-Trichlorobenzene	0.0013	U	0.0223	0.00936	*	mg/Kg	☼	42	77 - 137
1,2,4-Trichlorobenzene	0.0013	U	0.0223	0.00963	*	mg/Kg	☼	43	77 - 136
1,2-Dibromo-3-Chloropropane	0.0013	U *	0.0223	0.0145	*	mg/Kg	☼	65	80 - 124
1,2-Dichlorobenzene	0.0013	U	0.0223	0.0141	*	mg/Kg	☼	63	80 - 120
1,2-Dichloroethane	0.0013	U	0.0223	0.0204		mg/Kg	☼	92	70 - 123
1,2-Dichloropropane	0.0013	U	0.0223	0.0231		mg/Kg	☼	104	73 - 124
1,3-Dichlorobenzene	0.0013	U	0.0223	0.0147	*	mg/Kg	☼	66	80 - 120
1,4-Dichlorobenzene	0.0013	U	0.0223	0.0144	*	mg/Kg	☼	64	80 - 120
2-Butanone (MEK)	0.0065	U	0.111	0.0941		mg/Kg	☼	85	64 - 128
2-Hexanone	0.0065	U	0.111	0.104		mg/Kg	☼	93	75 - 120
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.111	0.112		mg/Kg	☼	101	80 - 120
Acetone	0.022		0.111	0.170	*	mg/Kg	☼	133	58 - 122
Acrolein	0.13	U	0.334	0.117	*	mg/Kg	☼	35	54 - 158
Acrylonitrile	0.013	U	0.223	0.224		mg/Kg	☼	101	56 - 120
Benzene	0.0013	U	0.0223	0.0207		mg/Kg	☼	93	75 - 120
Bromoform	0.0013	U	0.0223	0.0172		mg/Kg	☼	77	61 - 125
Bromomethane	0.0026	U	0.0223	0.0187		mg/Kg	☼	84	37 - 150
Carbon disulfide	0.0013	U	0.0223	0.0147		mg/Kg	☼	66	57 - 133
Carbon tetrachloride	0.0013	U	0.0223	0.0216		mg/Kg	☼	97	66 - 127
Chlorobenzene	0.0013	U	0.0223	0.0178		mg/Kg	☼	80	80 - 120
Chlorobromomethane	0.0013	U	0.0223	0.0201		mg/Kg	☼	90	76 - 127
Chlorodibromomethane	0.0013	U	0.0223	0.0178		mg/Kg	☼	80	72 - 120
Chloroethane	0.0013	U	0.0223	0.0203		mg/Kg	☼	91	60 - 123
Chloroform	0.0013	U	0.0223	0.0223		mg/Kg	☼	100	79 - 126
Chloromethane	0.0013	U	0.0223	0.0179		mg/Kg	☼	80	46 - 122
cis-1,2-Dichloroethene	0.0013	U	0.0223	0.0204		mg/Kg	☼	92	80 - 123
cis-1,3-Dichloropropene	0.0013	U	0.0223	0.0185		mg/Kg	☼	83	75 - 120
Cyclohexane	0.0013	U	0.0223	0.0188		mg/Kg	☼	84	65 - 132
Dichlorobromomethane	0.0013	U	0.0223	0.0201		mg/Kg	☼	90	77 - 124
Dichlorodifluoromethane	0.0013	U	0.0223	0.0185		mg/Kg	☼	83	45 - 129
Ethylbenzene	0.0013	U	0.0223	0.0184		mg/Kg	☼	83	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326694-4 MS
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A4-3_8-10_20250521
Prep Type: Total/NA
Prep Batch: 1039184

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylene Dibromide	0.0013	U	0.0223	0.0180		mg/Kg	☼	81	79 - 120
Isopropylbenzene	0.0013	U	0.0223	0.0174		mg/Kg	☼	78	74 - 120
Methyl acetate	0.0065	U *	0.0445	0.0666	*	mg/Kg	☼	149	57 - 120
Methyl tert-butyl ether	0.0013	U	0.0223	0.0213		mg/Kg	☼	96	74 - 125
Methylcyclohexane	0.0013	U	0.0223	0.0165		mg/Kg	☼	74	66 - 125
Methylene Chloride	0.0026	U	0.0223	0.0212		mg/Kg	☼	95	78 - 120
m-Xylene & p-Xylene	0.0013	U	0.0223	0.0180		mg/Kg	☼	81	80 - 120
o-Xylene	0.0013	U	0.0223	0.0182		mg/Kg	☼	82	80 - 120
Styrene	0.0013	U	0.0223	0.0156	*	mg/Kg	☼	70	80 - 120
TBA	0.039		0.223	0.244		mg/Kg	☼	92	79 - 120
Tetrachloroethene	0.0013	U	0.0223	0.0192		mg/Kg	☼	86	73 - 120
Toluene	0.0013	U	0.0223	0.0189		mg/Kg	☼	85	80 - 120
trans-1,2-Dichloroethene	0.0013	U	0.0223	0.0192		mg/Kg	☼	86	78 - 120
trans-1,3-Dichloropropene	0.0013	U	0.0223	0.0164	*	mg/Kg	☼	74	77 - 120
Trichloroethene	0.0013	U	0.0223	0.0277	*	mg/Kg	☼	124	80 - 120
Trichlorofluoromethane	0.0013	U	0.0223	0.0209		mg/Kg	☼	94	61 - 130
Vinyl chloride	0.0013	U	0.0223	0.0192		mg/Kg	☼	86	54 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*
4-Bromofluorobenzene	*112*		*71 - 128*
Dibromofluoromethane (Surr)	*109*		*50 - 150*
Toluene-d8 (Surr)	*103*		*71 - 126*

Lab Sample ID: 460-326694-4 MSD
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A4-3_8-10_20250521
Prep Type: Total/NA
Prep Batch: 1039184

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0013	U	0.0270	0.0257		mg/Kg	☼	95	78 - 120	17	30
1,1,2,2-Tetrachloroethane	0.0013	U	0.0270	0.0111	*	mg/Kg	☼	41	70 - 133	10	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0270	0.0282		mg/Kg	☼	105	75 - 121	17	30
1,1,2-Trichloroethane	0.0013	U	0.0270	0.0233		mg/Kg	☼	87	80 - 120	19	30
1,1-Dichloroethane	0.0013	U	0.0270	0.0276		mg/Kg	☼	102	72 - 120	16	30
1,1-Dichloroethene	0.0013	U	0.0270	0.0243		mg/Kg	☼	90	76 - 120	19	30
1,2,3-Trichlorobenzene	0.0013	U	0.0270	0.0140	*	mg/Kg	☼	52	77 - 137	39	30
1,2,4-Trichlorobenzene	0.0013	U	0.0270	0.0143	*	mg/Kg	☼	53	77 - 136	39	30
1,2-Dibromo-3-Chloropropane	0.0013	U *	0.0270	0.0172	*	mg/Kg	☼	64	80 - 124	17	30
1,2-Dichlorobenzene	0.0013	U	0.0270	0.0191	*	mg/Kg	☼	71	80 - 120	31	30
1,2-Dichloroethane	0.0013	U	0.0270	0.0246		mg/Kg	☼	91	70 - 123	19	30
1,2-Dichloropropane	0.0013	U	0.0270	0.0276		mg/Kg	☼	102	73 - 124	18	30
1,3-Dichlorobenzene	0.0013	U	0.0270	0.0191	*	mg/Kg	☼	71	80 - 120	26	30
1,4-Dichlorobenzene	0.0013	U	0.0270	0.0181	*	mg/Kg	☼	67	80 - 120	23	30
2-Butanone (MEK)	0.0065	U	0.135	0.108		mg/Kg	☼	80	64 - 128	14	30
2-Hexanone	0.0065	U	0.135	0.124		mg/Kg	☼	92	75 - 120	18	30
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.135	0.130		mg/Kg	☼	97	80 - 120	15	30
Acetone	0.022		0.135	0.185		mg/Kg	☼	121	58 - 122	9	30
Acrolein	0.13	U	0.405	0.167	*	mg/Kg	☼	41	54 - 158	35	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326694-4 MSD
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A4-3_8-10_20250521
Prep Type: Total/NA
Prep Batch: 1039184

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acrylonitrile	0.013	U	0.270	0.272		mg/Kg	☼	101	56 - 120	19	30
Benzene	0.0013	U	0.0270	0.0243		mg/Kg	☼	90	75 - 120	16	30
Bromoform	0.0013	U	0.0270	0.0205		mg/Kg	☼	76	61 - 125	17	30
Bromomethane	0.0026	U	0.0270	0.0233		mg/Kg	☼	86	37 - 150	22	30
Carbon disulfide	0.0013	U	0.0270	0.0179		mg/Kg	☼	66	57 - 133	20	30
Carbon tetrachloride	0.0013	U	0.0270	0.0253		mg/Kg	☼	94	66 - 127	15	30
Chlorobenzene	0.0013	U	0.0270	0.0221		mg/Kg	☼	82	80 - 120	22	30
Chlorobromomethane	0.0013	U	0.0270	0.0233		mg/Kg	☼	86	76 - 127	14	30
Chlorodibromomethane	0.0013	U	0.0270	0.0222		mg/Kg	☼	82	72 - 120	22	30
Chloroethane	0.0013	U	0.0270	0.0256		mg/Kg	☼	95	60 - 123	23	30
Chloroform	0.0013	U	0.0270	0.0268		mg/Kg	☼	99	79 - 126	18	30
Chloromethane	0.0013	U	0.0270	0.0222		mg/Kg	☼	82	46 - 122	21	30
cis-1,2-Dichloroethene	0.0013	U	0.0270	0.0245		mg/Kg	☼	91	80 - 123	19	30
cis-1,3-Dichloropropene	0.0013	U	0.0270	0.0220		mg/Kg	☼	81	75 - 120	17	30
Cyclohexane	0.0013	U	0.0270	0.0227		mg/Kg	☼	84	65 - 132	19	30
Dichlorobromomethane	0.0013	U	0.0270	0.0243		mg/Kg	☼	90	77 - 124	19	30
Dichlorodifluoromethane	0.0013	U	0.0270	0.0215		mg/Kg	☼	80	45 - 129	15	30
Ethylbenzene	0.0013	U	0.0270	0.0228		mg/Kg	☼	84	80 - 120	21	30
Ethylene Dibromide	0.0013	U	0.0270	0.0214		mg/Kg	☼	79	79 - 120	17	30
Isopropylbenzene	0.0013	U	0.0270	0.0219		mg/Kg	☼	81	74 - 120	23	30
Methyl acetate	0.0065	U *	0.0540	0.0704	*	mg/Kg	☼	130	57 - 120	6	30
Methyl tert-butyl ether	0.0013	U	0.0270	0.0244		mg/Kg	☼	91	74 - 125	14	30
Methylcyclohexane	0.0013	U	0.0270	0.0202		mg/Kg	☼	75	66 - 125	20	30
Methylene Chloride	0.0026	U	0.0270	0.0254		mg/Kg	☼	94	78 - 120	18	30
m-Xylene & p-Xylene	0.0013	U	0.0270	0.0215		mg/Kg	☼	80	80 - 120	18	30
o-Xylene	0.0013	U	0.0270	0.0221		mg/Kg	☼	82	80 - 120	19	30
Styrene	0.0013	U	0.0270	0.0202	*	mg/Kg	☼	75	80 - 120	25	30
TBA	0.039		0.270	0.281		mg/Kg	☼	90	79 - 120	14	30
Tetrachloroethene	0.0013	U	0.0270	0.0233		mg/Kg	☼	86	73 - 120	19	30
Toluene	0.0013	U	0.0270	0.0229		mg/Kg	☼	85	80 - 120	19	30
trans-1,2-Dichloroethene	0.0013	U	0.0270	0.0225		mg/Kg	☼	84	78 - 120	16	30
trans-1,3-Dichloropropene	0.0013	U	0.0270	0.0197	*	mg/Kg	☼	73	77 - 120	18	30
Trichloroethene	0.0013	U	0.0270	0.0338	*	mg/Kg	☼	125	80 - 120	20	30
Trichlorofluoromethane	0.0013	U	0.0270	0.0257		mg/Kg	☼	95	61 - 130	20	30
Vinyl chloride	0.0013	U	0.0270	0.0227		mg/Kg	☼	84	54 - 122	17	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*
4-Bromofluorobenzene	*112*		*71 - 128*
Dibromofluoromethane (Surr)	*112*		*50 - 150*
Toluene-d8 (Surr)	*106*		*71 - 126*

Lab Sample ID: LB3 460-1039187/1-A
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039187

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 07:52	05/26/25 18:38	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1039187/1-A
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039187

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/23/25 07:52	05/26/25 18:38	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1039187/1-A
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039187

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/23/25 07:52	05/26/25 18:38	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/23/25 07:52*	*05/26/25 18:38*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/23/25 07:52*	*05/26/25 18:38*	*1*
4-Bromofluorobenzene	*119*		*71 - 128*	*05/23/25 07:52*	*05/26/25 18:38*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/23/25 07:52*	*05/26/25 18:38*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*	*05/23/25 07:52*	*05/26/25 18:38*	*1*

Lab Sample ID: LB3 460-1039236/1-A
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039236

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 09:42	05/27/25 00:09	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1039236/1-A
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039236

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/23/25 09:42	05/27/25 00:09	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/23/25 09:42*	*05/27/25 00:09*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/23/25 09:42*	*05/27/25 00:09*	*1*
4-Bromofluorobenzene	*120*		*71 - 128*	*05/23/25 09:42*	*05/27/25 00:09*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*05/23/25 09:42*	*05/27/25 00:09*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/23/25 09:42*	*05/27/25 00:09*	*1*

Lab Sample ID: 460-326694-15 MS
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: SRI-B3-2A_16-18_20250521
Prep Type: Total/NA
Prep Batch: 1039242

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0013	U	0.0233	0.0243		mg/Kg	☼	104	78 - 120
1,1,2,2-Tetrachloroethane	0.0013	U	0.0233	0.0205		mg/Kg	☼	88	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0233	0.0280		mg/Kg	☼	120	75 - 121
1,1,2-Trichloroethane	0.0013	U	0.0233	0.0217		mg/Kg	☼	93	80 - 120
1,1-Dichloroethane	0.0013	U	0.0233	0.0259		mg/Kg	☼	111	72 - 120
1,1-Dichloroethene	0.0013	U	0.0233	0.0250		mg/Kg	☼	107	76 - 120
1,2,3-Trichlorobenzene	0.0013	U	0.0233	0.0242		mg/Kg	☼	104	77 - 137

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326694-15 MS
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: SRI-B3-2A_16-18_20250521
Prep Type: Total/NA
Prep Batch: 1039242

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	0.0013	U	0.0233	0.0255		mg/Kg	☼	109	77 - 136
1,2-Dibromo-3-Chloropropane	0.0013	U *	0.0233	0.0171	*	mg/Kg	☼	73	80 - 124
1,2-Dichlorobenzene	0.0013	U	0.0233	0.0228		mg/Kg	☼	98	80 - 120
1,2-Dichloroethane	0.0013	U	0.0233	0.0239		mg/Kg	☼	103	70 - 123
1,2-Dichloropropane	0.0013	U	0.0233	0.0257		mg/Kg	☼	110	73 - 124
1,3-Dichlorobenzene	0.0013	U	0.0233	0.0236		mg/Kg	☼	101	80 - 120
1,4-Dichlorobenzene	0.0013	U	0.0233	0.0238		mg/Kg	☼	102	80 - 120
2-Butanone (MEK)	0.0064	U	0.116	0.105		mg/Kg	☼	90	64 - 128
2-Hexanone	0.0064	U	0.116	0.117		mg/Kg	☼	100	75 - 120
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.116	0.118		mg/Kg	☼	101	80 - 120
Acetone	0.011		0.116	0.123		mg/Kg	☼	96	58 - 122
Acrolein	0.13	U	0.349	0.309		mg/Kg	☼	89	54 - 158
Acrylonitrile	0.013	U	0.233	0.238		mg/Kg	☼	102	56 - 120
Benzene	0.0013	U	0.0233	0.0237		mg/Kg	☼	102	75 - 120
Bromoform	0.0013	U	0.0233	0.0196		mg/Kg	☼	84	61 - 125
Bromomethane	0.0026	U	0.0233	0.0263		mg/Kg	☼	113	37 - 150
Carbon disulfide	0.0013	U	0.0233	0.0268		mg/Kg	☼	115	57 - 133
Carbon tetrachloride	0.0013	U	0.0233	0.0246		mg/Kg	☼	106	66 - 127
Chlorobenzene	0.0013	U	0.0233	0.0227		mg/Kg	☼	98	80 - 120
Chlorobromomethane	0.0013	U	0.0233	0.0243		mg/Kg	☼	104	76 - 127
Chlorodibromomethane	0.0013	U	0.0233	0.0211		mg/Kg	☼	91	72 - 120
Chloroethane	0.0013	U	0.0233	0.0252		mg/Kg	☼	108	60 - 123
Chloroform	0.0013	U	0.0233	0.0247		mg/Kg	☼	106	79 - 126
Chloromethane	0.0013	U	0.0233	0.0256		mg/Kg	☼	110	46 - 122
cis-1,2-Dichloroethene	0.0013	U	0.0233	0.0243		mg/Kg	☼	105	80 - 123
cis-1,3-Dichloropropene	0.0013	U	0.0233	0.0230		mg/Kg	☼	99	75 - 120
Cyclohexane	0.0013	U	0.0233	0.0268		mg/Kg	☼	115	65 - 132
Dichlorobromomethane	0.0013	U	0.0233	0.0225		mg/Kg	☼	97	77 - 124
Dichlorodifluoromethane	0.0013	U	0.0233	0.0238		mg/Kg	☼	102	45 - 129
Ethylbenzene	0.0013	U	0.0233	0.0230		mg/Kg	☼	99	80 - 120
Ethylene Dibromide	0.0013	U	0.0233	0.0213		mg/Kg	☼	92	79 - 120
Isopropylbenzene	0.0013	U	0.0233	0.0234		mg/Kg	☼	100	74 - 120
Methyl acetate	0.0064	U *	0.0466	0.0568	*	mg/Kg	☼	122	57 - 120
Methyl tert-butyl ether	0.0013	U	0.0233	0.0231		mg/Kg	☼	99	74 - 125
Methylcyclohexane	0.0013	U	0.0233	0.0257		mg/Kg	☼	110	66 - 125
Methylene Chloride	0.0026	U	0.0233	0.0247		mg/Kg	☼	106	78 - 120
m-Xylene & p-Xylene	0.0013	U	0.0233	0.0228		mg/Kg	☼	98	80 - 120
o-Xylene	0.0013	U	0.0233	0.0227		mg/Kg	☼	98	80 - 120
Styrene	0.0013	U	0.0233	0.0224		mg/Kg	☼	96	80 - 120
TBA	0.022		0.233	0.209		mg/Kg	☼	80	79 - 120
Tetrachloroethene	0.0013	U	0.0233	0.0251		mg/Kg	☼	108	73 - 120
Toluene	0.0013	U	0.0233	0.0223		mg/Kg	☼	96	80 - 120
trans-1,2-Dichloroethene	0.0013	U	0.0233	0.0250		mg/Kg	☼	107	78 - 120
trans-1,3-Dichloropropene	0.0013	U	0.0233	0.0212		mg/Kg	☼	91	77 - 120
Trichloroethene	0.0013	U	0.0233	0.0242		mg/Kg	☼	104	80 - 120
Trichlorofluoromethane	0.0013	U	0.0233	0.0236		mg/Kg	☼	101	61 - 130
Vinyl chloride	0.0013	U	0.0233	0.0243		mg/Kg	☼	104	54 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326694-15 MS
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: SRI-B3-2A_16-18_20250521
Prep Type: Total/NA
Prep Batch: 1039242

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*
4-Bromofluorobenzene	*109*		*71 - 128*
Dibromofluoromethane (Surr)	*109*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: 460-326694-15 MSD
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: SRI-B3-2A_16-18_20250521
Prep Type: Total/NA
Prep Batch: 1039242

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0013	U	0.0196	0.0193		mg/Kg	☼	98	78 - 120	23	30
1,1,2,2-Tetrachloroethane	0.0013	U	0.0196	0.0153		mg/Kg	☼	78	70 - 133	29	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0196	0.0220		mg/Kg	☼	112	75 - 121	24	30
1,1,2-Trichloroethane	0.0013	U	0.0196	0.0167		mg/Kg	☼	85	80 - 120	26	30
1,1-Dichloroethane	0.0013	U	0.0196	0.0202		mg/Kg	☼	103	72 - 120	25	30
1,1-Dichloroethene	0.0013	U	0.0196	0.0195		mg/Kg	☼	99	76 - 120	25	30
1,2,3-Trichlorobenzene	0.0013	U	0.0196	0.0187		mg/Kg	☼	96	77 - 137	25	30
1,2,4-Trichlorobenzene	0.0013	U	0.0196	0.0204		mg/Kg	☼	104	77 - 136	22	30
1,2-Dibromo-3-Chloropropane	0.0013	U *	0.0196	0.0125	*	mg/Kg	☼	64	80 - 124	31	30
1,2-Dichlorobenzene	0.0013	U	0.0196	0.0177		mg/Kg	☼	90	80 - 120	25	30
1,2-Dichloroethane	0.0013	U	0.0196	0.0181		mg/Kg	☼	92	70 - 123	28	30
1,2-Dichloropropane	0.0013	U	0.0196	0.0202		mg/Kg	☼	103	73 - 124	24	30
1,3-Dichlorobenzene	0.0013	U	0.0196	0.0181		mg/Kg	☼	92	80 - 120	26	30
1,4-Dichlorobenzene	0.0013	U	0.0196	0.0189		mg/Kg	☼	96	80 - 120	23	30
2-Butanone (MEK)	0.0064	U	0.0981	0.0814		mg/Kg	☼	83	64 - 128	25	30
2-Hexanone	0.0064	U	0.0981	0.0910		mg/Kg	☼	93	75 - 120	25	30
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0981	0.0928		mg/Kg	☼	95	80 - 120	24	30
Acetone	0.011		0.0981	0.102		mg/Kg	☼	92	58 - 122	19	30
Acrolein	0.13	U	0.294	0.257		mg/Kg	☼	87	54 - 158	19	30
Acrylonitrile	0.013	U	0.196	0.209		mg/Kg	☼	106	56 - 120	13	30
Benzene	0.0013	U	0.0196	0.0181		mg/Kg	☼	92	75 - 120	27	30
Bromoform	0.0013	U	0.0196	0.0148		mg/Kg	☼	76	61 - 125	28	30
Bromomethane	0.0026	U	0.0196	0.0234		mg/Kg	☼	119	37 - 150	12	30
Carbon disulfide	0.0013	U	0.0196	0.0211		mg/Kg	☼	107	57 - 133	24	30
Carbon tetrachloride	0.0013	U	0.0196	0.0196		mg/Kg	☼	100	66 - 127	23	30
Chlorobenzene	0.0013	U	0.0196	0.0173		mg/Kg	☼	88	80 - 120	27	30
Chlorobromomethane	0.0013	U	0.0196	0.0181		mg/Kg	☼	92	76 - 127	29	30
Chlorodibromomethane	0.0013	U	0.0196	0.0154	*	mg/Kg	☼	78	72 - 120	31	30
Chloroethane	0.0013	U	0.0196	0.0237		mg/Kg	☼	121	60 - 123	6	30
Chloroform	0.0013	U	0.0196	0.0190		mg/Kg	☼	97	79 - 126	26	30
Chloromethane	0.0013	U	0.0196	0.0224		mg/Kg	☼	114	46 - 122	13	30
cis-1,2-Dichloroethene	0.0013	U	0.0196	0.0193		mg/Kg	☼	98	80 - 123	23	30
cis-1,3-Dichloropropene	0.0013	U	0.0196	0.0175		mg/Kg	☼	89	75 - 120	27	30
Cyclohexane	0.0013	U	0.0196	0.0208		mg/Kg	☼	106	65 - 132	25	30
Dichlorobromomethane	0.0013	U	0.0196	0.0171		mg/Kg	☼	87	77 - 124	27	30
Dichlorodifluoromethane	0.0013	U	0.0196	0.0219		mg/Kg	☼	112	45 - 129	8	30
Ethylbenzene	0.0013	U	0.0196	0.0179		mg/Kg	☼	91	80 - 120	25	30
Ethylene Dibromide	0.0013	U	0.0196	0.0158		mg/Kg	☼	81	79 - 120	29	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326694-15 MSD
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: SRI-B3-2A_16-18_20250521
Prep Type: Total/NA
Prep Batch: 1039242

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene	0.0013	U	0.0196	0.0178		mg/Kg	☼	91	74 - 120	27	30
Methyl acetate	0.0064	U *	0.0392	0.0477	*	mg/Kg	☼	122	57 - 120	17	30
Methyl tert-butyl ether	0.0013	U	0.0196	0.0174		mg/Kg	☼	89	74 - 125	28	30
Methylcyclohexane	0.0013	U	0.0196	0.0203		mg/Kg	☼	103	66 - 125	24	30
Methylene Chloride	0.0026	U	0.0196	0.0193		mg/Kg	☼	98	78 - 120	24	30
m-Xylene & p-Xylene	0.0013	U	0.0196	0.0175		mg/Kg	☼	89	80 - 120	26	30
o-Xylene	0.0013	U	0.0196	0.0175		mg/Kg	☼	89	80 - 120	26	30
Styrene	0.0013	U	0.0196	0.0166		mg/Kg	☼	85	80 - 120	29	30
TBA	0.022		0.196	0.184		mg/Kg	☼	82	79 - 120	13	30
Tetrachloroethene	0.0013	U	0.0196	0.0192		mg/Kg	☼	98	73 - 120	27	30
Toluene	0.0013	U	0.0196	0.0172		mg/Kg	☼	87	80 - 120	26	30
trans-1,2-Dichloroethene	0.0013	U	0.0196	0.0197		mg/Kg	☼	100	78 - 120	24	30
trans-1,3-Dichloropropene	0.0013	U	0.0196	0.0157		mg/Kg	☼	80	77 - 120	30	30
Trichloroethene	0.0013	U	0.0196	0.0188		mg/Kg	☼	96	80 - 120	25	30
Trichlorofluoromethane	0.0013	U	0.0196	0.0220		mg/Kg	☼	112	61 - 130	7	30
Vinyl chloride	0.0013	U	0.0196	0.0223		mg/Kg	☼	113	54 - 122	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*
4-Bromofluorobenzene	*108*		*71 - 128*
Dibromofluoromethane (Surr)	*109*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LB3 460-1039271/1-A
Matrix: Solid
Analysis Batch: 1039694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039271

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/23/25 12:39	05/27/25 13:07	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1039271/1-A
Matrix: Solid
Analysis Batch: 1039694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039271

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/23/25 12:39	05/27/25 13:07	1

Tentatively Identified Compound	*Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/23/25 12:39*	*05/27/25 13:07*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/23/25 12:39*	*05/27/25 13:07*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/23/25 12:39*	*05/27/25 13:07*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*05/23/25 12:39*	*05/27/25 13:07*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*05/23/25 12:39*	*05/27/25 13:07*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039309/8
Matrix: Solid
Analysis Batch: 1039309

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/23/25 20:19	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/23/25 20:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/23/25 20:19	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/23/25 20:19	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/23/25 20:19	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/23/25 20:19	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/23/25 20:19	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/23/25 20:19	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/23/25 20:19	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/23/25 20:19	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/23/25 20:19	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/23/25 20:19	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/23/25 20:19	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/23/25 20:19	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/23/25 20:19	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/23/25 20:19	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/23/25 20:19	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/23/25 20:19	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/23/25 20:19	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/23/25 20:19	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/23/25 20:19	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/23/25 20:19	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/23/25 20:19	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/23/25 20:19	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/23/25 20:19	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/23/25 20:19	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/23/25 20:19	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/23/25 20:19	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/23/25 20:19	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/23/25 20:19	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/23/25 20:19	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/23/25 20:19	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/23/25 20:19	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/23/25 20:19	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/23/25 20:19	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/23/25 20:19	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/23/25 20:19	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/23/25 20:19	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/23/25 20:19	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/23/25 20:19	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/23/25 20:19	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/23/25 20:19	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/23/25 20:19	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/23/25 20:19	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/23/25 20:19	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/23/25 20:19	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/23/25 20:19	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/23/25 20:19	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039309/8
Matrix: Solid
Analysis Batch: 1039309

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/23/25 20:19	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/23/25 20:19	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/23/25 20:19	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/23/25 20:19	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/23/25 20:19	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/23/25 20:19	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/23/25 20:19*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*		*05/23/25 20:19*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*		*05/23/25 20:19*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*		*05/23/25 20:19*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/23/25 20:19*	*1*

Lab Sample ID: LCS 460-1039309/3
Matrix: Solid
Analysis Batch: 1039309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0160		mg/Kg		80	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0155		mg/Kg		78	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0194		mg/Kg		97	75 - 121
1,1,2-Trichloroethane	0.0200	0.0167		mg/Kg		84	80 - 120
1,1-Dichloroethane	0.0200	0.0179		mg/Kg		89	72 - 120
1,1-Dichloroethene	0.0200	0.0180		mg/Kg		90	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0175		mg/Kg		87	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0172		mg/Kg		86	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0163		mg/Kg		82	80 - 124
1,2-Dichlorobenzene	0.0200	0.0168		mg/Kg		84	80 - 120
1,2-Dichloroethane	0.0200	0.0158		mg/Kg		79	70 - 123
1,2-Dichloropropane	0.0200	0.0179		mg/Kg		89	73 - 124
1,3-Dichlorobenzene	0.0200	0.0169		mg/Kg		84	80 - 120
1,4-Dichlorobenzene	0.0200	0.0172		mg/Kg		86	80 - 120
2-Butanone (MEK)	0.100	0.0803		mg/Kg		80	64 - 128
2-Hexanone	0.100	0.0850		mg/Kg		85	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0877		mg/Kg		88	80 - 120
Acetone	0.100	0.0978		mg/Kg		98	58 - 122
Acrolein	0.300	0.346		mg/Kg		115	54 - 158
Acrylonitrile	0.200	0.211		mg/Kg		106	56 - 120
Benzene	0.0200	0.0173		mg/Kg		87	75 - 120
Bromoform	0.0200	0.0193		mg/Kg		96	61 - 125
Bromomethane	0.0200	0.0251		mg/Kg		126	37 - 150
Carbon disulfide	0.0200	0.0192		mg/Kg		96	57 - 133
Carbon tetrachloride	0.0200	0.0167		mg/Kg		84	66 - 127
Chlorobenzene	0.0200	0.0177		mg/Kg		88	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039309/3
Matrix: Solid
Analysis Batch: 1039309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0188		mg/Kg		94	76 - 127
Chlorodibromomethane	0.0200	0.0178		mg/Kg		89	72 - 120
Chloroethane	0.0200	0.0210		mg/Kg		105	60 - 123
Chloroform	0.0200	0.0172		mg/Kg		86	79 - 126
Chloromethane	0.0200	0.0230		mg/Kg		115	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0179		mg/Kg		90	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0155		mg/Kg		78	75 - 120
Cyclohexane	0.0200	0.0178		mg/Kg		89	65 - 132
Dichlorobromomethane	0.0200	0.0167		mg/Kg		83	77 - 124
Dichlorodifluoromethane	0.0200	0.0238		mg/Kg		119	45 - 129
Ethylbenzene	0.0200	0.0172		mg/Kg		86	80 - 120
Ethylene Dibromide	0.0200	0.0167		mg/Kg		84	79 - 120
Isopropylbenzene	0.0200	0.0167		mg/Kg		83	74 - 120
Methyl acetate	0.0400	0.0393		mg/Kg		98	57 - 120
Methyl tert-butyl ether	0.0200	0.0156		mg/Kg		78	74 - 125
Methylcyclohexane	0.0200	0.0186		mg/Kg		93	66 - 125
Methylene Chloride	0.0200	0.0180		mg/Kg		90	78 - 120
m-Xylene & p-Xylene	0.0200	0.0167		mg/Kg		84	80 - 120
o-Xylene	0.0200	0.0168		mg/Kg		84	80 - 120
Styrene	0.0200	0.0163		mg/Kg		81	80 - 120
TBA	0.200	0.163		mg/Kg		82	79 - 120
Tetrachloroethene	0.0200	0.0193		mg/Kg		97	73 - 120
Toluene	0.0200	0.0165		mg/Kg		82	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0147	*	mg/Kg		74	77 - 120
Trichloroethene	0.0200	0.0170		mg/Kg		85	80 - 120
Trichlorofluoromethane	0.0200	0.0220		mg/Kg		110	61 - 130
Vinyl chloride	0.0200	0.0241		mg/Kg		120	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*
4-Bromofluorobenzene	*90*		*71 - 128*
Dibromofluoromethane (Surr)	*104*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: LCSD 460-1039309/6
Matrix: Solid
Analysis Batch: 1039309

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0183		mg/Kg		92	78 - 120	14	30
1,1,2,2-Tetrachloroethane	0.0200	0.0182		mg/Kg		91	70 - 133	16	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0219		mg/Kg		110	75 - 121	12	30
1,1,2-Trichloroethane	0.0200	0.0186		mg/Kg		93	80 - 120	11	30
1,1-Dichloroethane	0.0200	0.0204		mg/Kg		102	72 - 120	13	30
1,1-Dichloroethene	0.0200	0.0205		mg/Kg		103	76 - 120	13	30
1,2,3-Trichlorobenzene	0.0200	0.0195		mg/Kg		98	77 - 137	11	30
1,2,4-Trichlorobenzene	0.0200	0.0199		mg/Kg		100	77 - 136	14	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039309/6
Matrix: Solid
Analysis Batch: 1039309

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0200	0.0185		mg/Kg		92	80 - 124	12	30
1,2-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120	14	30
1,2-Dichloroethane	0.0200	0.0177		mg/Kg		88	70 - 123	12	30
1,2-Dichloropropane	0.0200	0.0205		mg/Kg		102	73 - 124	14	30
1,3-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	15	30
1,4-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120	14	30
2-Butanone (MEK)	0.100	0.0883		mg/Kg		88	64 - 128	9	30
2-Hexanone	0.100	0.0956		mg/Kg		96	75 - 120	12	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0995		mg/Kg		99	80 - 120	13	30
Acetone	0.100	0.111		mg/Kg		111	58 - 122	12	30
Acrolein	0.300	0.381		mg/Kg		127	54 - 158	10	30
Acrylonitrile	0.200	0.254	*	mg/Kg		127	56 - 120	18	30
Benzene	0.0200	0.0196		mg/Kg		98	75 - 120	12	30
Bromoform	0.0200	0.0217		mg/Kg		108	61 - 125	12	30
Bromomethane	0.0200	0.0260		mg/Kg		130	37 - 150	4	30
Carbon disulfide	0.0200	0.0217		mg/Kg		108	57 - 133	12	30
Carbon tetrachloride	0.0200	0.0194		mg/Kg		97	66 - 127	15	30
Chlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120	15	30
Chlorobromomethane	0.0200	0.0210		mg/Kg		105	76 - 127	11	30
Chlorodibromomethane	0.0200	0.0200		mg/Kg		100	72 - 120	12	30
Chloroethane	0.0200	0.0224		mg/Kg		112	60 - 123	6	30
Chloroform	0.0200	0.0193		mg/Kg		96	79 - 126	12	30
Chloromethane	0.0200	0.0250	*	mg/Kg		125	46 - 122	8	30
cis-1,2-Dichloroethene	0.0200	0.0202		mg/Kg		101	80 - 123	12	30
cis-1,3-Dichloropropene	0.0200	0.0181		mg/Kg		90	75 - 120	15	30
Cyclohexane	0.0200	0.0203		mg/Kg		102	65 - 132	14	30
Dichlorobromomethane	0.0200	0.0191		mg/Kg		95	77 - 124	13	30
Dichlorodifluoromethane	0.0200	0.0228		mg/Kg		114	45 - 129	4	30
Ethylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120	14	30
Ethylene Dibromide	0.0200	0.0189		mg/Kg		95	79 - 120	12	30
Isopropylbenzene	0.0200	0.0195		mg/Kg		98	74 - 120	16	30
Methyl acetate	0.0400	0.0424		mg/Kg		106	57 - 120	7	30
Methyl tert-butyl ether	0.0200	0.0174		mg/Kg		87	74 - 125	11	30
Methylcyclohexane	0.0200	0.0210		mg/Kg		105	66 - 125	12	30
Methylene Chloride	0.0200	0.0205		mg/Kg		102	78 - 120	13	30
m-Xylene & p-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120	16	30
o-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120	14	30
Styrene	0.0200	0.0187		mg/Kg		94	80 - 120	14	30
TBA	0.200	0.191		mg/Kg		95	79 - 120	16	30
Tetrachloroethene	0.0200	0.0225		mg/Kg		113	73 - 120	15	30
Toluene	0.0200	0.0191		mg/Kg		95	80 - 120	15	30
trans-1,2-Dichloroethene	0.0200	0.0214		mg/Kg		107	78 - 120	13	30
trans-1,3-Dichloropropene	0.0200	0.0168		mg/Kg		84	77 - 120	13	30
Trichloroethene	0.0200	0.0186		mg/Kg		93	80 - 120	9	30
Trichlorofluoromethane	0.0200	0.0228		mg/Kg		114	61 - 130	4	30
Vinyl chloride	0.0200	0.0248	*	mg/Kg		124	54 - 122	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039309/6
Matrix: Solid
Analysis Batch: 1039309

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*
4-Bromofluorobenzene	*84*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*92*		*71 - 126*

Lab Sample ID: MB 460-1039310/9
Matrix: Solid
Analysis Batch: 1039310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/23/25 21:07	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/23/25 21:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/23/25 21:07	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/23/25 21:07	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/23/25 21:07	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/23/25 21:07	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/23/25 21:07	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/23/25 21:07	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/23/25 21:07	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/23/25 21:07	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/23/25 21:07	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/23/25 21:07	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/23/25 21:07	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/23/25 21:07	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/23/25 21:07	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/23/25 21:07	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/23/25 21:07	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/23/25 21:07	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/23/25 21:07	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/23/25 21:07	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/23/25 21:07	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/23/25 21:07	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/23/25 21:07	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/23/25 21:07	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/23/25 21:07	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/23/25 21:07	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/23/25 21:07	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/23/25 21:07	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/23/25 21:07	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/23/25 21:07	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/23/25 21:07	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/23/25 21:07	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/23/25 21:07	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/23/25 21:07	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/23/25 21:07	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/23/25 21:07	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/23/25 21:07	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/23/25 21:07	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039310/9
Matrix: Solid
Analysis Batch: 1039310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/23/25 21:07	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/23/25 21:07	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/23/25 21:07	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/23/25 21:07	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/23/25 21:07	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/23/25 21:07	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/23/25 21:07	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/23/25 21:07	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/23/25 21:07	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/23/25 21:07	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/23/25 21:07	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/23/25 21:07	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/23/25 21:07	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/23/25 21:07	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/23/25 21:07	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/23/25 21:07	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/23/25 21:07*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*		*05/23/25 21:07*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*		*05/23/25 21:07*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*		*05/23/25 21:07*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/23/25 21:07*	*1*

Lab Sample ID: LCS 460-1039310/4
Matrix: Solid
Analysis Batch: 1039310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0206		mg/Kg		103	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0141		mg/Kg		70	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0212		mg/Kg		106	75 - 121
1,1,2-Trichloroethane	0.0200	0.0156	*	mg/Kg		78	80 - 120
1,1-Dichloroethane	0.0200	0.0177		mg/Kg		89	72 - 120
1,1-Dichloroethene	0.0200	0.0191		mg/Kg		96	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0209		mg/Kg		105	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0220		mg/Kg		110	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0158	*	mg/Kg		79	80 - 124
1,2-Dichlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120
1,2-Dichloroethane	0.0200	0.0188		mg/Kg		94	70 - 123
1,2-Dichloropropane	0.0200	0.0164		mg/Kg		82	73 - 124
1,3-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
1,4-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
2-Butanone (MEK)	0.100	0.108		mg/Kg		108	64 - 128
2-Hexanone	0.100	0.0935		mg/Kg		93	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039310/4
Matrix: Solid
Analysis Batch: 1039310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	0.100	0.0911		mg/Kg		91	80 - 120
Acetone	0.100	0.101		mg/Kg		101	58 - 122
Acrolein	0.300	0.213		mg/Kg		71	54 - 158
Acrylonitrile	0.200	0.165		mg/Kg		82	56 - 120
Benzene	0.0200	0.0160		mg/Kg		80	75 - 120
Bromoform	0.0200	0.0178		mg/Kg		89	61 - 125
Bromomethane	0.0200	0.0181		mg/Kg		90	37 - 150
Carbon disulfide	0.0200	0.0191		mg/Kg		95	57 - 133
Carbon tetrachloride	0.0200	0.0218		mg/Kg		109	66 - 127
Chlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
Chlorobromomethane	0.0200	0.0200		mg/Kg		100	76 - 127
Chlorodibromomethane	0.0200	0.0169		mg/Kg		85	72 - 120
Chloroethane	0.0200	0.0148		mg/Kg		74	60 - 123
Chloroform	0.0200	0.0192		mg/Kg		96	79 - 126
Chloromethane	0.0200	0.0135		mg/Kg		68	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0192		mg/Kg		96	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0161		mg/Kg		81	75 - 120
Cyclohexane	0.0200	0.0198		mg/Kg		99	65 - 132
Dichlorobromomethane	0.0200	0.0175		mg/Kg		87	77 - 124
Dichlorodifluoromethane	0.0200	0.0205		mg/Kg		102	45 - 129
Ethylbenzene	0.0200	0.0185		mg/Kg		92	80 - 120
Ethylene Dibromide	0.0200	0.0169		mg/Kg		85	79 - 120
Isopropylbenzene	0.0200	0.0186		mg/Kg		93	74 - 120
Methyl acetate	0.0400	0.0291		mg/Kg		73	57 - 120
Methyl tert-butyl ether	0.0200	0.0178		mg/Kg		89	74 - 125
Methylcyclohexane	0.0200	0.0196		mg/Kg		98	66 - 125
Methylene Chloride	0.0200	0.0187		mg/Kg		94	78 - 120
m-Xylene & p-Xylene	0.0200	0.0178		mg/Kg		89	80 - 120
o-Xylene	0.0200	0.0180		mg/Kg		90	80 - 120
Styrene	0.0200	0.0178		mg/Kg		89	80 - 120
TBA	0.200	0.164		mg/Kg		82	79 - 120
Tetrachloroethene	0.0200	0.0208		mg/Kg		104	73 - 120
Toluene	0.0200	0.0169		mg/Kg		85	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0200		mg/Kg		100	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0159		mg/Kg		80	77 - 120
Trichloroethene	0.0200	0.0196		mg/Kg		98	80 - 120
Trichlorofluoromethane	0.0200	0.0210		mg/Kg		105	61 - 130
Vinyl chloride	0.0200	0.0146		mg/Kg		73	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*83*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039310/5
Matrix: Solid
Analysis Batch: 1039310

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0220		mg/Kg		110	78 - 120	7	30
1,1,2,2-Tetrachloroethane			0.0200	0.0157		mg/Kg		78	70 - 133	11	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0240		mg/Kg		120	75 - 121	12	30
1,1,2-Trichloroethane			0.0200	0.0172		mg/Kg		86	80 - 120	10	30
1,1-Dichloroethane			0.0200	0.0191		mg/Kg		96	72 - 120	8	30
1,1-Dichloroethene			0.0200	0.0209		mg/Kg		104	76 - 120	9	30
1,2,3-Trichlorobenzene			0.0200	0.0214		mg/Kg		107	77 - 137	2	30
1,2,4-Trichlorobenzene			0.0200	0.0230		mg/Kg		115	77 - 136	4	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0168		mg/Kg		84	80 - 124	6	30
1,2-Dichlorobenzene			0.0200	0.0198		mg/Kg		99	80 - 120	9	30
1,2-Dichloroethane			0.0200	0.0199		mg/Kg		99	70 - 123	5	30
1,2-Dichloropropane			0.0200	0.0175		mg/Kg		87	73 - 124	6	30
1,3-Dichlorobenzene			0.0200	0.0207		mg/Kg		104	80 - 120	6	30
1,4-Dichlorobenzene			0.0200	0.0207		mg/Kg		104	80 - 120	6	30
2-Butanone (MEK)			0.100	0.123		mg/Kg		123	64 - 128	13	30
2-Hexanone			0.100	0.100		mg/Kg		100	75 - 120	7	30
4-Methyl-2-pentanone (MIBK)			0.100	0.100		mg/Kg		100	80 - 120	9	30
Acetone			0.100	0.108		mg/Kg		108	58 - 122	7	30
Acrolein			0.300	0.242		mg/Kg		81	54 - 158	13	30
Acrylonitrile			0.200	0.171		mg/Kg		85	56 - 120	4	30
Benzene			0.0200	0.0182		mg/Kg		91	75 - 120	13	30
Bromoform			0.0200	0.0194		mg/Kg		97	61 - 125	9	30
Bromomethane			0.0200	0.0210		mg/Kg		105	37 - 150	15	30
Carbon disulfide			0.0200	0.0203		mg/Kg		102	57 - 133	6	30
Carbon tetrachloride			0.0200	0.0233		mg/Kg		116	66 - 127	7	30
Chlorobenzene			0.0200	0.0200		mg/Kg		100	80 - 120	8	30
Chlorobromomethane			0.0200	0.0216		mg/Kg		108	76 - 127	8	30
Chlorodibromomethane			0.0200	0.0188		mg/Kg		94	72 - 120	11	30
Chloroethane			0.0200	0.0190		mg/Kg		95	60 - 123	25	30
Chloroform			0.0200	0.0200		mg/Kg		100	79 - 126	4	30
Chloromethane			0.0200	0.0168		mg/Kg		84	46 - 122	22	30
cis-1,2-Dichloroethene			0.0200	0.0211		mg/Kg		106	80 - 123	10	30
cis-1,3-Dichloropropene			0.0200	0.0177		mg/Kg		89	75 - 120	9	30
Cyclohexane			0.0200	0.0210		mg/Kg		105	65 - 132	6	30
Dichlorobromomethane			0.0200	0.0185		mg/Kg		92	77 - 124	6	30
Dichlorodifluoromethane			0.0200	0.0264	*	mg/Kg		132	45 - 129	25	30
Ethylbenzene			0.0200	0.0203		mg/Kg		101	80 - 120	9	30
Ethylene Dibromide			0.0200	0.0181		mg/Kg		91	79 - 120	7	30
Isopropylbenzene			0.0200	0.0199		mg/Kg		99	74 - 120	7	30
Methyl acetate			0.0400	0.0300		mg/Kg		75	57 - 120	3	30
Methyl tert-butyl ether			0.0200	0.0189		mg/Kg		94	74 - 125	6	30
Methylcyclohexane			0.0200	0.0206		mg/Kg		103	66 - 125	5	30
Methylene Chloride			0.0200	0.0198		mg/Kg		99	78 - 120	6	30
m-Xylene & p-Xylene			0.0200	0.0201		mg/Kg		101	80 - 120	12	30
o-Xylene			0.0200	0.0198		mg/Kg		99	80 - 120	10	30
Styrene			0.0200	0.0194		mg/Kg		97	80 - 120	9	30
TBA			0.200	0.183		mg/Kg		92	79 - 120	11	30
Tetrachloroethene			0.0200	0.0226		mg/Kg		113	73 - 120	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039310/5
Matrix: Solid
Analysis Batch: 1039310

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.0200	0.0182		mg/Kg		91	80 - 120	7	30
trans-1,2-Dichloroethene			0.0200	0.0218		mg/Kg		109	78 - 120	9	30
trans-1,3-Dichloropropene			0.0200	0.0175		mg/Kg		87	77 - 120	9	30
Trichloroethene			0.0200	0.0210		mg/Kg		105	80 - 120	7	30
Trichlorofluoromethane			0.0200	0.0260		mg/Kg		130	61 - 130	21	30
Vinyl chloride			0.0200	0.0183		mg/Kg		91	54 - 122	22	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*
4-Bromofluorobenzene	*118*		*71 - 128*
Dibromofluoromethane (Surr)	*122*		*50 - 150*
Toluene-d8 (Surr)	*107*		*71 - 126*

Lab Sample ID: MB 460-1039355/8
Matrix: Solid
Analysis Batch: 1039355

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/24/25 06:58	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/24/25 06:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/24/25 06:58	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/24/25 06:58	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/24/25 06:58	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/24/25 06:58	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/24/25 06:58	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/24/25 06:58	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/24/25 06:58	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/24/25 06:58	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/24/25 06:58	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/24/25 06:58	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/24/25 06:58	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/24/25 06:58	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/24/25 06:58	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/24/25 06:58	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/24/25 06:58	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/24/25 06:58	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/24/25 06:58	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/24/25 06:58	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/24/25 06:58	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/24/25 06:58	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/24/25 06:58	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/24/25 06:58	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/24/25 06:58	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/24/25 06:58	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/24/25 06:58	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/24/25 06:58	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/24/25 06:58	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/24/25 06:58	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039355/8
Matrix: Solid
Analysis Batch: 1039355

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/24/25 06:58	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/24/25 06:58	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/24/25 06:58	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/24/25 06:58	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/24/25 06:58	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/24/25 06:58	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/24/25 06:58	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/24/25 06:58	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/24/25 06:58	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/24/25 06:58	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/24/25 06:58	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/24/25 06:58	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/24/25 06:58	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/24/25 06:58	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/24/25 06:58	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/24/25 06:58	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/24/25 06:58	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/24/25 06:58	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/24/25 06:58	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/24/25 06:58	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/24/25 06:58	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/24/25 06:58	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/24/25 06:58	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/24/25 06:58	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/24/25 06:58*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*		*05/24/25 06:58*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*		*05/24/25 06:58*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*		*05/24/25 06:58*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*05/24/25 06:58*	*1*

Lab Sample ID: LCS 460-1039355/3
Matrix: Solid
Analysis Batch: 1039355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0228		mg/Kg		114	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0160		mg/Kg		80	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0244	*	mg/Kg		122	75 - 121
1,1,2-Trichloroethane	0.0200	0.0167		mg/Kg		83	80 - 120
1,1-Dichloroethane	0.0200	0.0185		mg/Kg		92	72 - 120
1,1-Dichloroethene	0.0200	0.0205		mg/Kg		103	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0218		mg/Kg		109	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0233		mg/Kg		117	77 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039355/3
Matrix: Solid
Analysis Batch: 1039355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0174		mg/Kg		87	80 - 124
1,2-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
1,2-Dichloroethane	0.0200	0.0201		mg/Kg		101	70 - 123
1,2-Dichloropropane	0.0200	0.0172		mg/Kg		86	73 - 124
1,3-Dichlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120
1,4-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120
2-Butanone (MEK)	0.100	0.119		mg/Kg		119	64 - 128
2-Hexanone	0.100	0.0990		mg/Kg		99	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0993		mg/Kg		99	80 - 120
Acetone	0.100	0.111		mg/Kg		111	58 - 122
Acrolein	0.300	0.251		mg/Kg		84	54 - 158
Acrylonitrile	0.200	0.177		mg/Kg		88	56 - 120
Benzene	0.0200	0.0176		mg/Kg		88	75 - 120
Bromoform	0.0200	0.0197		mg/Kg		98	61 - 125
Bromomethane	0.0200	0.0201		mg/Kg		101	37 - 150
Carbon disulfide	0.0200	0.0199		mg/Kg		100	57 - 133
Carbon tetrachloride	0.0200	0.0245		mg/Kg		122	66 - 127
Chlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0222		mg/Kg		111	76 - 127
Chlorodibromomethane	0.0200	0.0187		mg/Kg		93	72 - 120
Chloroethane	0.0200	0.0172		mg/Kg		86	60 - 123
Chloroform	0.0200	0.0204		mg/Kg		102	79 - 126
Chloromethane	0.0200	0.0156		mg/Kg		78	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0212		mg/Kg		106	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0174		mg/Kg		87	75 - 120
Cyclohexane	0.0200	0.0212		mg/Kg		106	65 - 132
Dichlorobromomethane	0.0200	0.0192		mg/Kg		96	77 - 124
Dichlorodifluoromethane	0.0200	0.0242		mg/Kg		121	45 - 129
Ethylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120
Ethylene Dibromide	0.0200	0.0184		mg/Kg		92	79 - 120
Isopropylbenzene	0.0200	0.0198		mg/Kg		99	74 - 120
Methyl acetate	0.0400	0.0321		mg/Kg		80	57 - 120
Methyl tert-butyl ether	0.0200	0.0193		mg/Kg		96	74 - 125
Methylcyclohexane	0.0200	0.0211		mg/Kg		105	66 - 125
Methylene Chloride	0.0200	0.0203		mg/Kg		101	78 - 120
m-Xylene & p-Xylene	0.0200	0.0193		mg/Kg		96	80 - 120
o-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120
TBA	0.200	0.188		mg/Kg		94	79 - 120
Tetrachloroethene	0.0200	0.0226		mg/Kg		113	73 - 120
Toluene	0.0200	0.0178		mg/Kg		89	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0219		mg/Kg		110	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0169		mg/Kg		85	77 - 120
Trichloroethene	0.0200	0.0208		mg/Kg		104	80 - 120
Trichlorofluoromethane	0.0200	0.0261		mg/Kg		130	61 - 130
Vinyl chloride	0.0200	0.0172		mg/Kg		86	54 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039355/3
Matrix: Solid
Analysis Batch: 1039355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*
4-Bromofluorobenzene	*108*		*71 - 128*
Dibromofluoromethane (Surr)	*117*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1039355/4
Matrix: Solid
Analysis Batch: 1039355

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0225		mg/Kg		113	78 - 120	1	30
1,1,2,2-Tetrachloroethane			0.0200	0.0155		mg/Kg		77	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0239		mg/Kg		120	75 - 121	2	30
1,1,2-Trichloroethane			0.0200	0.0168		mg/Kg		84	80 - 120	1	30
1,1-Dichloroethane			0.0200	0.0187		mg/Kg		94	72 - 120	1	30
1,1-Dichloroethene			0.0200	0.0213		mg/Kg		106	76 - 120	4	30
1,2,3-Trichlorobenzene			0.0200	0.0225		mg/Kg		113	77 - 137	3	30
1,2,4-Trichlorobenzene			0.0200	0.0240		mg/Kg		120	77 - 136	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0159		mg/Kg		80	80 - 124	9	30
1,2-Dichlorobenzene			0.0200	0.0200		mg/Kg		100	80 - 120	0	30
1,2-Dichloroethane			0.0200	0.0203		mg/Kg		102	70 - 123	1	30
1,2-Dichloropropane			0.0200	0.0171		mg/Kg		85	73 - 124	0	30
1,3-Dichlorobenzene			0.0200	0.0213		mg/Kg		107	80 - 120	2	30
1,4-Dichlorobenzene			0.0200	0.0214		mg/Kg		107	80 - 120	2	30
2-Butanone (MEK)			0.100	0.127		mg/Kg		127	64 - 128	6	30
2-Hexanone			0.100	0.104		mg/Kg		104	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)			0.100	0.103		mg/Kg		103	80 - 120	4	30
Acetone			0.100	0.116		mg/Kg		116	58 - 122	5	30
Acrolein			0.300	0.250		mg/Kg		83	54 - 158	0	30
Acrylonitrile			0.200	0.184		mg/Kg		92	56 - 120	4	30
Benzene			0.0200	0.0179		mg/Kg		89	75 - 120	2	30
Bromoform			0.0200	0.0189		mg/Kg		95	61 - 125	4	30
Bromomethane			0.0200	0.0197		mg/Kg		99	37 - 150	2	30
Carbon disulfide			0.0200	0.0198		mg/Kg		99	57 - 133	1	30
Carbon tetrachloride			0.0200	0.0239		mg/Kg		119	66 - 127	2	30
Chlorobenzene			0.0200	0.0207		mg/Kg		104	80 - 120	2	30
Chlorobromomethane			0.0200	0.0217		mg/Kg		109	76 - 127	2	30
Chlorodibromomethane			0.0200	0.0193		mg/Kg		97	72 - 120	3	30
Chloroethane			0.0200	0.0175		mg/Kg		87	60 - 123	2	30
Chloroform			0.0200	0.0207		mg/Kg		103	79 - 126	1	30
Chloromethane			0.0200	0.0141		mg/Kg		71	46 - 122	10	30
cis-1,2-Dichloroethene			0.0200	0.0205		mg/Kg		103	80 - 123	3	30
cis-1,3-Dichloropropene			0.0200	0.0176		mg/Kg		88	75 - 120	2	30
Cyclohexane			0.0200	0.0213		mg/Kg		106	65 - 132	0	30
Dichlorobromomethane			0.0200	0.0192		mg/Kg		96	77 - 124	0	30
Dichlorodifluoromethane			0.0200	0.0220		mg/Kg		110	45 - 129	9	30
Ethylbenzene			0.0200	0.0203		mg/Kg		101	80 - 120	3	30
Ethylene Dibromide			0.0200	0.0192		mg/Kg		96	79 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039355/4
Matrix: Solid
Analysis Batch: 1039355

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene	0.0200	0.0203		mg/Kg		102	74 - 120	3	30
Methyl acetate	0.0400	0.0314		mg/Kg		78	57 - 120	2	30
Methyl tert-butyl ether	0.0200	0.0189		mg/Kg		95	74 - 125	2	30
Methylcyclohexane	0.0200	0.0212		mg/Kg		106	66 - 125	0	30
Methylene Chloride	0.0200	0.0202		mg/Kg		101	78 - 120	0	30
m-Xylene & p-Xylene	0.0200	0.0201		mg/Kg		101	80 - 120	4	30
o-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	1	30
Styrene	0.0200	0.0202		mg/Kg		101	80 - 120	5	30
TBA	0.200	0.192		mg/Kg		96	79 - 120	2	30
Tetrachloroethene	0.0200	0.0238		mg/Kg		119	73 - 120	5	30
Toluene	0.0200	0.0183		mg/Kg		91	80 - 120	3	30
trans-1,2-Dichloroethene	0.0200	0.0211		mg/Kg		105	78 - 120	4	30
trans-1,3-Dichloropropene	0.0200	0.0181		mg/Kg		90	77 - 120	7	30
Trichloroethene	0.0200	0.0217		mg/Kg		109	80 - 120	4	30
Trichlorofluoromethane	0.0200	0.0244		mg/Kg		122	61 - 130	7	30
Vinyl chloride	0.0200	0.0163		mg/Kg		81	54 - 122	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*
4-Bromofluorobenzene	*116*		*71 - 128*
Dibromofluoromethane (Surr)	*120*		*50 - 150*
Toluene-d8 (Surr)	*107*		*71 - 126*

Lab Sample ID: LB3 460-1039374/1-A
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039374

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/24/25 07:19	06/01/25 06:52	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1039374/1-A
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039374

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/24/25 07:19	06/01/25 06:52	1

Tentatively Identified Compound	*Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/24/25 07:19*	*06/01/25 06:52*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/24/25 07:19*	*06/01/25 06:52*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/24/25 07:19*	*06/01/25 06:52*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*05/24/25 07:19*	*06/01/25 06:52*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/24/25 07:19*	*06/01/25 06:52*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1039393/1-A
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039393

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/24/25 08:23	06/01/25 11:52	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1039393/1-A
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039393

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/24/25 08:23	06/01/25 11:52	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/24/25 08:23*	*06/01/25 11:52*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*05/24/25 08:23*	*06/01/25 11:52*	*1*
4-Bromofluorobenzene	*77*		*71 - 128*	*05/24/25 08:23*	*06/01/25 11:52*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*05/24/25 08:23*	*06/01/25 11:52*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*05/24/25 08:23*	*06/01/25 11:52*	*1*

Lab Sample ID: 460-326756-18 MS
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: SRI-A1-1B_3-5_20250522
Prep Type: Total/NA
Prep Batch: 1039414

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0015	U	0.0218	0.0176		mg/Kg	☼	81	78 - 120
1,1,2,2-Tetrachloroethane	0.0015	U	0.0218	0.0180		mg/Kg	☼	82	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0218	0.0191		mg/Kg	☼	87	75 - 121
1,1,2-Trichloroethane	0.0015	U	0.0218	0.0194		mg/Kg	☼	89	80 - 120
1,1-Dichloroethane	0.0015	U	0.0218	0.0202		mg/Kg	☼	93	72 - 120
1,1-Dichloroethene	0.0015	U	0.0218	0.0181		mg/Kg	☼	83	76 - 120
1,2,3-Trichlorobenzene	0.0015	U	0.0218	0.0128	*	mg/Kg	☼	59	77 - 137
1,2,4-Trichlorobenzene	0.0015	U	0.0218	0.0130	*	mg/Kg	☼	59	77 - 136
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0218	0.0178		mg/Kg	☼	82	80 - 124
1,2-Dichlorobenzene	0.0015	U	0.0218	0.0157	*	mg/Kg	☼	72	80 - 120
1,2-Dichloroethane	0.0015	U	0.0218	0.0181		mg/Kg	☼	83	70 - 123
1,2-Dichloropropane	0.0015	U	0.0218	0.0206		mg/Kg	☼	94	73 - 124
1,3-Dichlorobenzene	0.0015	U	0.0218	0.0154	*	mg/Kg	☼	70	80 - 120
1,4-Dichlorobenzene	0.0015	U	0.0218	0.0152	*	mg/Kg	☼	70	80 - 120
2-Butanone (MEK)	0.0076	U	0.109	0.0822		mg/Kg	☼	75	64 - 128
2-Hexanone	0.0076	U	0.109	0.0937		mg/Kg	☼	86	75 - 120
4-Methyl-2-pentanone (MIBK)	0.0076	U	0.109	0.0983		mg/Kg	☼	90	80 - 120
Acetone	0.027		0.109	0.116		mg/Kg	☼	82	58 - 122
Acrolein	0.15	U	0.327	0.163	*	mg/Kg	☼	50	54 - 158
Acrylonitrile	0.015	U	0.218	0.231		mg/Kg	☼	106	56 - 120
Benzene	0.0015	U	0.0218	0.0198		mg/Kg	☼	91	75 - 120
Bromoform	0.0015	U	0.0218	0.0205		mg/Kg	☼	94	61 - 125
Bromomethane	0.0031	U	0.0218	0.0184		mg/Kg	☼	84	37 - 150
Carbon disulfide	0.0015	U	0.0218	0.0188		mg/Kg	☼	86	57 - 133
Carbon tetrachloride	0.0015	U	0.0218	0.0179		mg/Kg	☼	82	66 - 127
Chlorobenzene	0.0015	U	0.0218	0.0179		mg/Kg	☼	82	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326756-18 MS
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: SRI-A1-1B_3-5_20250522
Prep Type: Total/NA
Prep Batch: 1039414

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0015	U	0.0218	0.0191		mg/Kg	☼	87	76 - 127
Chlorodibromomethane	0.0015	U	0.0218	0.0193		mg/Kg	☼	89	72 - 120
Chloroethane	0.0015	U	0.0218	0.0166		mg/Kg	☼	76	60 - 123
Chloroform	0.0015	U	0.0218	0.0190		mg/Kg	☼	87	79 - 126
Chloromethane	0.0015	U	0.0218	0.0189		mg/Kg	☼	87	46 - 122
cis-1,2-Dichloroethene	0.0015	U	0.0218	0.0186		mg/Kg	☼	85	80 - 123
cis-1,3-Dichloropropene	0.0015	U	0.0218	0.0177		mg/Kg	☼	81	75 - 120
Cyclohexane	0.0015	U	0.0218	0.0178		mg/Kg	☼	82	65 - 132
Dichlorobromomethane	0.0015	U	0.0218	0.0186		mg/Kg	☼	85	77 - 124
Dichlorodifluoromethane	0.0015	U	0.0218	0.0167		mg/Kg	☼	76	45 - 129
Ethylbenzene	0.0015	U	0.0218	0.0179		mg/Kg	☼	82	80 - 120
Ethylene Dibromide	0.0015	U	0.0218	0.0179		mg/Kg	☼	82	79 - 120
Isopropylbenzene	0.0015	U	0.0218	0.0169		mg/Kg	☼	77	74 - 120
Methyl acetate	0.0076	U	0.0436	0.0678	*	mg/Kg	☼	155	57 - 120
Methyl tert-butyl ether	0.0015	U	0.0218	0.0186		mg/Kg	☼	85	74 - 125
Methylcyclohexane	0.0015	U	0.0218	0.0169		mg/Kg	☼	78	66 - 125
Methylene Chloride	0.0031	U	0.0218	0.0199		mg/Kg	☼	91	78 - 120
m-Xylene & p-Xylene	0.0015	U	0.0218	0.0172	*	mg/Kg	☼	79	80 - 120
o-Xylene	0.0015	U	0.0218	0.0171	*	mg/Kg	☼	78	80 - 120
Styrene	0.0015	U	0.0218	0.0157	*	mg/Kg	☼	72	80 - 120
TBA	0.013	J	0.218	0.202		mg/Kg	☼	87	79 - 120
Tetrachloroethene	0.0015	U	0.0218	0.0186		mg/Kg	☼	85	73 - 120
Toluene	0.0015	U	0.0218	0.0181		mg/Kg	☼	83	80 - 120
trans-1,2-Dichloroethene	0.0015	U	0.0218	0.0191		mg/Kg	☼	88	78 - 120
trans-1,3-Dichloropropene	0.0015	U	0.0218	0.0166	*	mg/Kg	☼	76	77 - 120
Trichloroethene	0.0015	U	0.0218	0.0177		mg/Kg	☼	81	80 - 120
Trichlorofluoromethane	0.0015	U	0.0218	0.0169		mg/Kg	☼	77	61 - 130
Vinyl chloride	0.0015	U	0.0218	0.0185		mg/Kg	☼	85	54 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*
4-Bromofluorobenzene	*90*		*71 - 128*
Dibromofluoromethane (Surr)	*103*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: 460-326756-18 MSD
Matrix: Solid
Analysis Batch: 1041319

Client Sample ID: SRI-A1-1B_3-5_20250522
Prep Type: Total/NA
Prep Batch: 1039414

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0015	U	0.0246	0.0227		mg/Kg	☼	92	78 - 120	25	30
1,1,2,2-Tetrachloroethane	0.0015	U	0.0246	0.0189		mg/Kg	☼	77	70 - 133	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0246	0.0256		mg/Kg	☼	104	75 - 121	29	30
1,1,2-Trichloroethane	0.0015	U	0.0246	0.0211		mg/Kg	☼	86	80 - 120	9	30
1,1-Dichloroethane	0.0015	U	0.0246	0.0243		mg/Kg	☼	99	72 - 120	18	30
1,1-Dichloroethene	0.0015	U	0.0246	0.0241		mg/Kg	☼	98	76 - 120	29	30
1,2,3-Trichlorobenzene	0.0015	U	0.0246	0.0166	*	mg/Kg	☼	68	77 - 137	26	30
1,2,4-Trichlorobenzene	0.0015	U	0.0246	0.0174	*	mg/Kg	☼	71	77 - 136	29	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326756-18 MSD
Client Sample ID: SRI-A1-1B_3-5_20250522
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1041319
Prep Batch: 1039414

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0246	0.0174	*	mg/Kg	☼	70	80 - 124	3	30
1,2-Dichlorobenzene	0.0015	U	0.0246	0.0206		mg/Kg	☼	84	80 - 120	27	30
1,2-Dichloroethane	0.0015	U	0.0246	0.0199		mg/Kg	☼	81	70 - 123	9	30
1,2-Dichloropropane	0.0015	U	0.0246	0.0244		mg/Kg	☼	99	73 - 124	17	30
1,3-Dichlorobenzene	0.0015	U	0.0246	0.0207		mg/Kg	☼	84	80 - 120	29	30
1,4-Dichlorobenzene	0.0015	U	0.0246	0.0214	*	mg/Kg	☼	87	80 - 120	34	30
2-Butanone (MEK)	0.0076	U	0.123	0.114	*	mg/Kg	☼	92	64 - 128	32	30
2-Hexanone	0.0076	U	0.123	0.136	*	mg/Kg	☼	110	75 - 120	37	30
4-Methyl-2-pentanone (MIBK)	0.0076	U	0.123	0.126		mg/Kg	☼	102	80 - 120	25	30
Acetone	0.027		0.123	0.147		mg/Kg	☼	97	58 - 122	23	30
Acrolein	0.15	U	0.370	0.372	*	mg/Kg	☼	101	54 - 158	78	30
Acrylonitrile	0.015	U	0.246	0.352	*	mg/Kg	☼	143	56 - 120	42	30
Benzene	0.0015	U	0.0246	0.0231		mg/Kg	☼	94	75 - 120	15	30
Bromoform	0.0015	U	0.0246	0.0245		mg/Kg	☼	99	61 - 125	18	30
Bromomethane	0.0031	U	0.0246	0.0261	*	mg/Kg	☼	106	37 - 150	35	30
Carbon disulfide	0.0015	U	0.0246	0.0249		mg/Kg	☼	101	57 - 133	28	30
Carbon tetrachloride	0.0015	U	0.0246	0.0240		mg/Kg	☼	97	66 - 127	29	30
Chlorobenzene	0.0015	U	0.0246	0.0236		mg/Kg	☼	96	80 - 120	28	30
Chlorobromomethane	0.0015	U	0.0246	0.0246		mg/Kg	☼	100	76 - 127	25	30
Chlorodibromomethane	0.0015	U	0.0246	0.0245		mg/Kg	☼	99	72 - 120	23	30
Chloroethane	0.0015	U	0.0246	0.0222		mg/Kg	☼	90	60 - 123	29	30
Chloroform	0.0015	U	0.0246	0.0230		mg/Kg	☼	93	79 - 126	19	30
Chloromethane	0.0015	U	0.0246	0.0226		mg/Kg	☼	92	46 - 122	18	30
cis-1,2-Dichloroethene	0.0015	U	0.0246	0.0235		mg/Kg	☼	95	80 - 123	23	30
cis-1,3-Dichloropropene	0.0015	U	0.0246	0.0205		mg/Kg	☼	83	75 - 120	15	30
Cyclohexane	0.0015	U	0.0246	0.0229		mg/Kg	☼	93	65 - 132	25	30
Dichlorobromomethane	0.0015	U	0.0246	0.0234		mg/Kg	☼	95	77 - 124	23	30
Dichlorodifluoromethane	0.0015	U	0.0246	0.0200		mg/Kg	☼	81	45 - 129	18	30
Ethylbenzene	0.0015	U	0.0246	0.0233		mg/Kg	☼	95	80 - 120	26	30
Ethylene Dibromide	0.0015	U	0.0246	0.0207		mg/Kg	☼	84	79 - 120	14	30
Isopropylbenzene	0.0015	U	0.0246	0.0218		mg/Kg	☼	88	74 - 120	26	30
Methyl acetate	0.0076	U	0.0493	0.0418	*	mg/Kg	☼	85	57 - 120	47	30
Methyl tert-butyl ether	0.0015	U	0.0246	0.0188		mg/Kg	☼	76	74 - 125	1	30
Methylcyclohexane	0.0015	U	0.0246	0.0223		mg/Kg	☼	90	66 - 125	27	30
Methylene Chloride	0.0031	U	0.0246	0.0241		mg/Kg	☼	98	78 - 120	19	30
m-Xylene & p-Xylene	0.0015	U	0.0246	0.0222		mg/Kg	☼	90	80 - 120	26	30
o-Xylene	0.0015	U	0.0246	0.0215		mg/Kg	☼	87	80 - 120	23	30
Styrene	0.0015	U	0.0246	0.0207		mg/Kg	☼	84	80 - 120	28	30
TBA	0.013	J	0.246	0.265		mg/Kg	☼	102	79 - 120	27	30
Tetrachloroethene	0.0015	U	0.0246	0.0259	*	mg/Kg	☼	105	73 - 120	33	30
Toluene	0.0015	U	0.0246	0.0221		mg/Kg	☼	90	80 - 120	20	30
trans-1,2-Dichloroethene	0.0015	U	0.0246	0.0251		mg/Kg	☼	102	78 - 120	27	30
trans-1,3-Dichloropropene	0.0015	U	0.0246	0.0189		mg/Kg	☼	77	77 - 120	13	30
Trichloroethene	0.0015	U	0.0246	0.0227		mg/Kg	☼	92	80 - 120	25	30
Trichlorofluoromethane	0.0015	U	0.0246	0.0239	*	mg/Kg	☼	97	61 - 130	34	30
Vinyl chloride	0.0015	U	0.0246	0.0230		mg/Kg	☼	93	54 - 122	22	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326756-18 MSD
Matrix: Solid
Analysis Batch: 1041319

Client Sample ID: SRI-A1-1B_3-5_20250522
Prep Type: Total/NA
Prep Batch: 1039414

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*
4-Bromofluorobenzene	*89*		*71 - 128*
Dibromofluoromethane (Surr)	*106*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 460-1039469/8
Matrix: Solid
Analysis Batch: 1039469

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 06:59	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 06:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/25/25 06:59	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 06:59	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 06:59	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 06:59	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/25/25 06:59	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 06:59	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/25/25 06:59	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 06:59	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/25/25 06:59	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/25/25 06:59	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/25/25 06:59	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 06:59	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/25/25 06:59	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/25/25 06:59	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/25/25 06:59	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/25/25 06:59	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/25/25 06:59	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/25/25 06:59	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/25/25 06:59	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/25/25 06:59	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/25/25 06:59	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 06:59	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/25/25 06:59	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/25/25 06:59	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 06:59	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/25/25 06:59	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 06:59	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/25/25 06:59	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/25/25 06:59	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 06:59	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 06:59	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/25/25 06:59	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/25/25 06:59	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/25/25 06:59	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/25/25 06:59	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/25/25 06:59	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039469/8
Matrix: Solid
Analysis Batch: 1039469

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/25/25 06:59	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/25/25 06:59	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/25/25 06:59	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/25/25 06:59	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/25/25 06:59	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/25/25 06:59	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/25/25 06:59	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/25/25 06:59	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/25/25 06:59	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/25/25 06:59	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 06:59	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/25/25 06:59	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 06:59	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/25/25 06:59	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/25/25 06:59	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/25/25 06:59	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/25/25 06:59*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*		*05/25/25 06:59*	*1*
4-Bromofluorobenzene	*83*		*71 - 128*		*05/25/25 06:59*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 150*		*05/25/25 06:59*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*05/25/25 06:59*	*1*

Lab Sample ID: LCS 460-1039469/3
Matrix: Solid
Analysis Batch: 1039469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0186		mg/Kg		93	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0169		mg/Kg		85	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0230		mg/Kg		115	75 - 121
1,1,2-Trichloroethane	0.0200	0.0181		mg/Kg		90	80 - 120
1,1-Dichloroethane	0.0200	0.0199		mg/Kg		99	72 - 120
1,1-Dichloroethene	0.0200	0.0211		mg/Kg		105	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0193		mg/Kg		96	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0192		mg/Kg		96	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0176		mg/Kg		88	80 - 124
1,2-Dichlorobenzene	0.0200	0.0183		mg/Kg		91	80 - 120
1,2-Dichloroethane	0.0200	0.0174		mg/Kg		87	70 - 123
1,2-Dichloropropane	0.0200	0.0202		mg/Kg		101	73 - 124
1,3-Dichlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120
1,4-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120
2-Butanone (MEK)	0.100	0.0840		mg/Kg		84	64 - 128
2-Hexanone	0.100	0.0921		mg/Kg		92	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039469/3
Matrix: Solid
Analysis Batch: 1039469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	0.100	0.0971		mg/Kg		97	80 - 120
Acetone	0.100	0.109		mg/Kg		109	58 - 122
Acrolein	0.300	0.302		mg/Kg		101	54 - 158
Acrylonitrile	0.200	0.237		mg/Kg		118	56 - 120
Benzene	0.0200	0.0192		mg/Kg		96	75 - 120
Bromoform	0.0200	0.0218		mg/Kg		109	61 - 125
Bromomethane	0.0200	0.0228		mg/Kg		114	37 - 150
Carbon disulfide	0.0200	0.0222		mg/Kg		111	57 - 133
Carbon tetrachloride	0.0200	0.0196		mg/Kg		98	66 - 127
Chlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0209		mg/Kg		105	76 - 127
Chlorodibromomethane	0.0200	0.0195		mg/Kg		98	72 - 120
Chloroethane	0.0200	0.0198		mg/Kg		99	60 - 123
Chloroform	0.0200	0.0188		mg/Kg		94	79 - 126
Chloromethane	0.0200	0.0210		mg/Kg		105	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0174		mg/Kg		87	75 - 120
Cyclohexane	0.0200	0.0210		mg/Kg		105	65 - 132
Dichlorobromomethane	0.0200	0.0185		mg/Kg		92	77 - 124
Dichlorodifluoromethane	0.0200	0.0193		mg/Kg		96	45 - 129
Ethylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Ethylene Dibromide	0.0200	0.0181		mg/Kg		90	79 - 120
Isopropylbenzene	0.0200	0.0192		mg/Kg		96	74 - 120
Methyl acetate	0.0400	0.0401		mg/Kg		100	57 - 120
Methyl tert-butyl ether	0.0200	0.0173		mg/Kg		87	74 - 125
Methylcyclohexane	0.0200	0.0212		mg/Kg		106	66 - 125
Methylene Chloride	0.0200	0.0202		mg/Kg		101	78 - 120
m-Xylene & p-Xylene	0.0200	0.0187		mg/Kg		94	80 - 120
o-Xylene	0.0200	0.0185		mg/Kg		92	80 - 120
Styrene	0.0200	0.0179		mg/Kg		89	80 - 120
TBA	0.200	0.179		mg/Kg		89	79 - 120
Tetrachloroethene	0.0200	0.0222		mg/Kg		111	73 - 120
Toluene	0.0200	0.0184		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0211		mg/Kg		105	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0163		mg/Kg		82	77 - 120
Trichloroethene	0.0200	0.0185		mg/Kg		92	80 - 120
Trichlorofluoromethane	0.0200	0.0209		mg/Kg		105	61 - 130
Vinyl chloride	0.0200	0.0218		mg/Kg		109	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*88*		*71 - 128*
Dibromofluoromethane (Surr)	*107*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039469/4
Matrix: Solid
Analysis Batch: 1039469

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0184		mg/Kg		92	78 - 120	1	30
1,1,2,2-Tetrachloroethane			0.0200	0.0163		mg/Kg		81	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0220		mg/Kg		110	75 - 121	4	30
1,1,2-Trichloroethane			0.0200	0.0186		mg/Kg		93	80 - 120	3	30
1,1-Dichloroethane			0.0200	0.0200		mg/Kg		100	72 - 120	1	30
1,1-Dichloroethene			0.0200	0.0204		mg/Kg		102	76 - 120	3	30
1,2,3-Trichlorobenzene			0.0200	0.0187		mg/Kg		93	77 - 137	3	30
1,2,4-Trichlorobenzene			0.0200	0.0186		mg/Kg		93	77 - 136	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0175		mg/Kg		87	80 - 124	1	30
1,2-Dichlorobenzene			0.0200	0.0184		mg/Kg		92	80 - 120	0	30
1,2-Dichloroethane			0.0200	0.0173		mg/Kg		87	70 - 123	0	30
1,2-Dichloropropane			0.0200	0.0202		mg/Kg		101	73 - 124	0	30
1,3-Dichlorobenzene			0.0200	0.0181		mg/Kg		90	80 - 120	1	30
1,4-Dichlorobenzene			0.0200	0.0184		mg/Kg		92	80 - 120	2	30
2-Butanone (MEK)			0.100	0.0850		mg/Kg		85	64 - 128	1	30
2-Hexanone			0.100	0.0910		mg/Kg		91	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0943		mg/Kg		94	80 - 120	3	30
Acetone			0.100	0.105		mg/Kg		105	58 - 122	3	30
Acrolein			0.300	0.276		mg/Kg		92	54 - 158	9	30
Acrylonitrile			0.200	0.231		mg/Kg		115	56 - 120	3	30
Benzene			0.0200	0.0193		mg/Kg		97	75 - 120	1	30
Bromoform			0.0200	0.0219		mg/Kg		110	61 - 125	1	30
Bromomethane			0.0200	0.0221		mg/Kg		110	37 - 150	3	30
Carbon disulfide			0.0200	0.0220		mg/Kg		110	57 - 133	1	30
Carbon tetrachloride			0.0200	0.0196		mg/Kg		98	66 - 127	0	30
Chlorobenzene			0.0200	0.0196		mg/Kg		98	80 - 120	1	30
Chlorobromomethane			0.0200	0.0206		mg/Kg		103	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0197		mg/Kg		99	72 - 120	1	30
Chloroethane			0.0200	0.0187		mg/Kg		93	60 - 123	6	30
Chloroform			0.0200	0.0188		mg/Kg		94	79 - 126	0	30
Chloromethane			0.0200	0.0254	*	mg/Kg		127	46 - 122	19	30
cis-1,2-Dichloroethene			0.0200	0.0198		mg/Kg		99	80 - 123	1	30
cis-1,3-Dichloropropene			0.0200	0.0174		mg/Kg		87	75 - 120	0	30
Cyclohexane			0.0200	0.0207		mg/Kg		104	65 - 132	1	30
Dichlorobromomethane			0.0200	0.0187		mg/Kg		94	77 - 124	1	30
Dichlorodifluoromethane			0.0200	0.0192		mg/Kg		96	45 - 129	0	30
Ethylbenzene			0.0200	0.0194		mg/Kg		97	80 - 120	2	30
Ethylene Dibromide			0.0200	0.0185		mg/Kg		92	79 - 120	2	30
Isopropylbenzene			0.0200	0.0190		mg/Kg		95	74 - 120	1	30
Methyl acetate			0.0400	0.0432		mg/Kg		108	57 - 120	7	30
Methyl tert-butyl ether			0.0200	0.0173		mg/Kg		86	74 - 125	0	30
Methylcyclohexane			0.0200	0.0208		mg/Kg		104	66 - 125	2	30
Methylene Chloride			0.0200	0.0203		mg/Kg		101	78 - 120	1	30
m-Xylene & p-Xylene			0.0200	0.0186		mg/Kg		93	80 - 120	1	30
o-Xylene			0.0200	0.0188		mg/Kg		94	80 - 120	2	30
Styrene			0.0200	0.0180		mg/Kg		90	80 - 120	1	30
TBA			0.200	0.174		mg/Kg		87	79 - 120	2	30
Tetrachloroethene			0.0200	0.0222		mg/Kg		111	73 - 120	0	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039469/4
Matrix: Solid
Analysis Batch: 1039469

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.0200	0.0183		mg/Kg		92	80 - 120	0	30
trans-1,2-Dichloroethene			0.0200	0.0211		mg/Kg		105	78 - 120	0	30
trans-1,3-Dichloropropene			0.0200	0.0166		mg/Kg		83	77 - 120	1	30
Trichloroethene			0.0200	0.0185		mg/Kg		93	80 - 120	0	30
Trichlorofluoromethane			0.0200	0.0196		mg/Kg		98	61 - 130	6	30
Vinyl chloride			0.0200	0.0204		mg/Kg		102	54 - 122	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*
4-Bromofluorobenzene	*81*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*94*		*71 - 126*

Lab Sample ID: MB 460-1039470/8
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 07:51	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 07:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/25/25 07:51	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 07:51	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 07:51	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 07:51	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/25/25 07:51	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 07:51	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/25/25 07:51	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 07:51	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/25/25 07:51	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/25/25 07:51	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/25/25 07:51	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 07:51	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/25/25 07:51	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/25/25 07:51	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/25/25 07:51	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/25/25 07:51	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/25/25 07:51	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/25/25 07:51	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/25/25 07:51	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/25/25 07:51	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/25/25 07:51	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 07:51	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/25/25 07:51	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/25/25 07:51	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 07:51	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/25/25 07:51	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 07:51	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/25/25 07:51	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039470/8
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/25/25 07:51	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 07:51	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 07:51	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/25/25 07:51	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/25/25 07:51	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/25/25 07:51	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/25/25 07:51	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/25/25 07:51	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/25/25 07:51	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/25/25 07:51	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/25/25 07:51	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/25/25 07:51	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/25/25 07:51	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/25/25 07:51	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/25/25 07:51	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/25/25 07:51	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/25/25 07:51	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/25/25 07:51	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 07:51	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/25/25 07:51	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 07:51	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/25/25 07:51	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/25/25 07:51	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/25/25 07:51	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/25/25 07:51*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*		*05/25/25 07:51*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*		*05/25/25 07:51*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*		*05/25/25 07:51*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*05/25/25 07:51*	*1*

Lab Sample ID: LCS 460-1039470/2
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0259	*	mg/Kg		129	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0160		mg/Kg		80	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0280	*	mg/Kg		140	75 - 121
1,1,2-Trichloroethane	0.0200	0.0168		mg/Kg		84	80 - 120
1,1-Dichloroethane	0.0200	0.0205		mg/Kg		102	72 - 120
1,1-Dichloroethene	0.0200	0.0248	*	mg/Kg		124	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0234		mg/Kg		117	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0256		mg/Kg		128	77 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039470/2
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0176		mg/Kg		88	80 - 124
1,2-Dichlorobenzene	0.0200	0.0217		mg/Kg		108	80 - 120
1,2-Dichloroethane	0.0200	0.0215		mg/Kg		107	70 - 123
1,2-Dichloropropane	0.0200	0.0186		mg/Kg		93	73 - 124
1,3-Dichlorobenzene	0.0200	0.0229		mg/Kg		115	80 - 120
1,4-Dichlorobenzene	0.0200	0.0235		mg/Kg		118	80 - 120
2-Butanone (MEK)	0.100	0.126		mg/Kg		126	64 - 128
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.106		mg/Kg		106	80 - 120
Acetone	0.100	0.121		mg/Kg		121	58 - 122
Acrolein	0.300	0.242		mg/Kg		81	54 - 158
Acrylonitrile	0.200	0.184		mg/Kg		92	56 - 120
Benzene	0.0200	0.0189		mg/Kg		94	75 - 120
Bromoform	0.0200	0.0198		mg/Kg		99	61 - 125
Bromomethane	0.0200	0.0227		mg/Kg		113	37 - 150
Carbon disulfide	0.0200	0.0234		mg/Kg		117	57 - 133
Carbon tetrachloride	0.0200	0.0274	*	mg/Kg		137	66 - 127
Chlorobenzene	0.0200	0.0213		mg/Kg		106	80 - 120
Chlorobromomethane	0.0200	0.0234		mg/Kg		117	76 - 127
Chlorodibromomethane	0.0200	0.0203		mg/Kg		101	72 - 120
Chloroethane	0.0200	0.0199		mg/Kg		100	60 - 123
Chloroform	0.0200	0.0221		mg/Kg		111	79 - 126
Chloromethane	0.0200	0.0174		mg/Kg		87	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0231		mg/Kg		115	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0245		mg/Kg		123	65 - 132
Dichlorobromomethane	0.0200	0.0204		mg/Kg		102	77 - 124
Dichlorodifluoromethane	0.0200	0.0276	*	mg/Kg		138	45 - 129
Ethylbenzene	0.0200	0.0221		mg/Kg		110	80 - 120
Ethylene Dibromide	0.0200	0.0190		mg/Kg		95	79 - 120
Isopropylbenzene	0.0200	0.0222		mg/Kg		111	74 - 120
Methyl acetate	0.0400	0.0314		mg/Kg		79	57 - 120
Methyl tert-butyl ether	0.0200	0.0195		mg/Kg		98	74 - 125
Methylcyclohexane	0.0200	0.0236		mg/Kg		118	66 - 125
Methylene Chloride	0.0200	0.0220		mg/Kg		110	78 - 120
m-Xylene & p-Xylene	0.0200	0.0221		mg/Kg		110	80 - 120
o-Xylene	0.0200	0.0216		mg/Kg		108	80 - 120
Styrene	0.0200	0.0204		mg/Kg		102	80 - 120
TBA	0.200	0.192		mg/Kg		96	79 - 120
Tetrachloroethene	0.0200	0.0259	*	mg/Kg		129	73 - 120
Toluene	0.0200	0.0199		mg/Kg		99	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0249	*	mg/Kg		124	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	77 - 120
Trichloroethene	0.0200	0.0243	*	mg/Kg		122	80 - 120
Trichlorofluoromethane	0.0200	0.0313	*	mg/Kg		157	61 - 130
Vinyl chloride	0.0200	0.0199		mg/Kg		99	54 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039470/2
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*
4-Bromofluorobenzene	*105*		*71 - 128*
Dibromofluoromethane (Surr)	*107*		*50 - 150*
Toluene-d8 (Surr)	*93*		*71 - 126*

Lab Sample ID: LCSD 460-1039470/3
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0226		mg/Kg		113	78 - 120	14	30
1,1,2,2-Tetrachloroethane			0.0200	0.0154		mg/Kg		77	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0250	*	mg/Kg		125	75 - 121	11	30
1,1,2-Trichloroethane			0.0200	0.0168		mg/Kg		84	80 - 120	0	30
1,1-Dichloroethane			0.0200	0.0186		mg/Kg		93	72 - 120	9	30
1,1-Dichloroethene			0.0200	0.0222		mg/Kg		111	76 - 120	11	30
1,2,3-Trichlorobenzene			0.0200	0.0223		mg/Kg		112	77 - 137	5	30
1,2,4-Trichlorobenzene			0.0200	0.0226		mg/Kg		113	77 - 136	12	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0160		mg/Kg		80	80 - 124	10	30
1,2-Dichlorobenzene			0.0200	0.0207		mg/Kg		103	80 - 120	5	30
1,2-Dichloroethane			0.0200	0.0202		mg/Kg		101	70 - 123	6	30
1,2-Dichloropropane			0.0200	0.0176		mg/Kg		88	73 - 124	6	30
1,3-Dichlorobenzene			0.0200	0.0208		mg/Kg		104	80 - 120	10	30
1,4-Dichlorobenzene			0.0200	0.0216		mg/Kg		108	80 - 120	8	30
2-Butanone (MEK)			0.100	0.126		mg/Kg		126	64 - 128	0	30
2-Hexanone			0.100	0.103		mg/Kg		103	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)			0.100	0.100		mg/Kg		100	80 - 120	6	30
Acetone			0.100	0.117		mg/Kg		117	58 - 122	3	30
Acrolein			0.300	0.236		mg/Kg		79	54 - 158	2	30
Acrylonitrile			0.200	0.168		mg/Kg		84	56 - 120	9	30
Benzene			0.0200	0.0180		mg/Kg		90	75 - 120	5	30
Bromoform			0.0200	0.0189		mg/Kg		94	61 - 125	5	30
Bromomethane			0.0200	0.0234		mg/Kg		117	37 - 150	3	30
Carbon disulfide			0.0200	0.0213		mg/Kg		106	57 - 133	10	30
Carbon tetrachloride			0.0200	0.0248		mg/Kg		124	66 - 127	10	30
Chlorobenzene			0.0200	0.0201		mg/Kg		100	80 - 120	6	30
Chlorobromomethane			0.0200	0.0216		mg/Kg		108	76 - 127	8	30
Chlorodibromomethane			0.0200	0.0193		mg/Kg		96	72 - 120	5	30
Chloroethane			0.0200	0.0184		mg/Kg		92	60 - 123	8	30
Chloroform			0.0200	0.0207		mg/Kg		103	79 - 126	7	30
Chloromethane			0.0200	0.0167		mg/Kg		83	46 - 122	4	30
cis-1,2-Dichloroethene			0.0200	0.0212		mg/Kg		106	80 - 123	9	30
cis-1,3-Dichloropropene			0.0200	0.0177		mg/Kg		89	75 - 120	1	30
Cyclohexane			0.0200	0.0223		mg/Kg		111	65 - 132	9	30
Dichlorobromomethane			0.0200	0.0189		mg/Kg		95	77 - 124	8	30
Dichlorodifluoromethane			0.0200	0.0263	*	mg/Kg		132	45 - 129	5	30
Ethylbenzene			0.0200	0.0203		mg/Kg		101	80 - 120	8	30
Ethylene Dibromide			0.0200	0.0183		mg/Kg		92	79 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039470/3
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene			0.0200	0.0203		mg/Kg		102	74 - 120	9	30
Methyl acetate			0.0400	0.0288		mg/Kg		72	57 - 120	9	30
Methyl tert-butyl ether			0.0200	0.0189		mg/Kg		94	74 - 125	3	30
Methylcyclohexane			0.0200	0.0216		mg/Kg		108	66 - 125	8	30
Methylene Chloride			0.0200	0.0204		mg/Kg		102	78 - 120	8	30
m-Xylene & p-Xylene			0.0200	0.0203		mg/Kg		102	80 - 120	8	30
o-Xylene			0.0200	0.0201		mg/Kg		100	80 - 120	8	30
Styrene			0.0200	0.0199		mg/Kg		100	80 - 120	3	30
TBA			0.200	0.188		mg/Kg		94	79 - 120	2	30
Tetrachloroethene			0.0200	0.0236		mg/Kg		118	73 - 120	9	30
Toluene			0.0200	0.0186		mg/Kg		93	80 - 120	7	30
trans-1,2-Dichloroethene			0.0200	0.0219		mg/Kg		109	78 - 120	13	30
trans-1,3-Dichloropropene			0.0200	0.0174		mg/Kg		87	77 - 120	3	30
Trichloroethene			0.0200	0.0218		mg/Kg		109	80 - 120	11	30
Trichlorofluoromethane			0.0200	0.0297	*	mg/Kg		148	61 - 130	6	30
Vinyl chloride			0.0200	0.0193		mg/Kg		96	54 - 122	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*
4-Bromofluorobenzene	*107*		*71 - 128*
Dibromofluoromethane (Surr)	*110*		*50 - 150*
Toluene-d8 (Surr)	*95*		*71 - 126*

Lab Sample ID: MB 460-1039512/8
Matrix: Water
Analysis Batch: 1039512

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/25/25 18:32	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/25/25 18:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/25 18:32	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/25/25 18:32	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/25/25 18:32	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/25/25 18:32	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/25/25 18:32	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/25/25 18:32	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/25/25 18:32	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/25/25 18:32	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/25/25 18:32	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/25/25 18:32	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/25/25 18:32	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/25/25 18:32	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/25/25 18:32	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/25/25 18:32	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/25/25 18:32	1
Acetone	5.0	U	5.0	4.4	ug/L			05/25/25 18:32	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/25/25 18:32	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/25/25 18:32	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039512/8
Matrix: Water
Analysis Batch: 1039512

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			05/25/25 18:32	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/25/25 18:32	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/25/25 18:32	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/25/25 18:32	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/25/25 18:32	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/25/25 18:32	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/25/25 18:32	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/25/25 18:32	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/25 18:32	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/25/25 18:32	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/25/25 18:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/25/25 18:32	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/25/25 18:32	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/25/25 18:32	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/25/25 18:32	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/25/25 18:32	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/25/25 18:32	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/25/25 18:32	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/25/25 18:32	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/25/25 18:32	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/25/25 18:32	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/25/25 18:32	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/25/25 18:32	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/25/25 18:32	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/25/25 18:32	1
Styrene	1.0	U	1.0	0.42	ug/L			05/25/25 18:32	1
TBA	10	U	10	8.3	ug/L			05/25/25 18:32	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/25/25 18:32	1
Toluene	1.0	U	1.0	0.38	ug/L			05/25/25 18:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/25/25 18:32	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/25/25 18:32	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/25/25 18:32	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/25/25 18:32	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/25/25 18:32	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/25/25 18:32*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*05/25/25 18:32*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*05/25/25 18:32*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*05/25/25 18:32*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/25/25 18:32*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039512/2
Matrix: Water
Analysis Batch: 1039512

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	19.2		ug/L		96	72 - 128
1,1,2,2-Tetrachloroethane	20.0	17.5		ug/L		88	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.7		ug/L		108	65 - 142
1,1,2-Trichloroethane	20.0	16.6		ug/L		83	74 - 125
1,1-Dichloroethane	20.0	18.5		ug/L		93	73 - 130
1,1-Dichloroethene	20.0	17.7		ug/L		88	68 - 133
1,2,3-Trichlorobenzene	20.0	20.0		ug/L		100	55 - 150
1,2,4-Trichlorobenzene	20.0	18.1		ug/L		91	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	16.8		ug/L		84	58 - 132
1,2-Dichlorobenzene	20.0	18.8		ug/L		94	80 - 120
1,2-Dichloroethane	20.0	18.7		ug/L		93	66 - 129
1,2-Dichloropropane	20.0	16.6		ug/L		83	72 - 128
1,3-Dichlorobenzene	20.0	18.6		ug/L		93	80 - 120
1,4-Dichlorobenzene	20.0	18.1		ug/L		90	80 - 120
2-Butanone (MEK)	100	93.1		ug/L		93	65 - 142
2-Hexanone	100	86.7		ug/L		87	72 - 134
4-Methyl-2-pentanone (MIBK)	100	91.9		ug/L		92	77 - 130
Acetone	100	96.7		ug/L		97	60 - 133
Acrolein	40.0	32.1		ug/L		80	18 - 150
Acrylonitrile	200	200		ug/L		100	57 - 146
Benzene	20.0	17.2		ug/L		86	71 - 126
Bromoform	20.0	19.0		ug/L		95	58 - 128
Bromomethane	20.0	20.9		ug/L		104	33 - 150
Carbon disulfide	20.0	17.0		ug/L		85	35 - 150
Carbon tetrachloride	20.0	20.5		ug/L		102	65 - 131
Chlorobenzene	20.0	17.8		ug/L		89	80 - 120
Chlorobromomethane	20.0	18.3		ug/L		91	71 - 134
Chlorodibromomethane	20.0	18.2		ug/L		91	73 - 121
Chloroethane	20.0	20.4		ug/L		102	54 - 150
Chloroform	20.0	19.0		ug/L		95	78 - 125
Chloromethane	20.0	18.1		ug/L		91	43 - 149
cis-1,2-Dichloroethene	20.0	17.7		ug/L		89	78 - 121
cis-1,3-Dichloropropene	20.0	17.1		ug/L		85	74 - 125
Cyclohexane	20.0	18.6		ug/L		93	64 - 142
Dichlorobromomethane	20.0	18.9		ug/L		94	76 - 121
Dichlorodifluoromethane	20.0	18.6		ug/L		93	38 - 144
Ethylbenzene	20.0	17.1		ug/L		86	78 - 120
Ethylene Dibromide	20.0	18.2		ug/L		91	79 - 126
Isopropylbenzene	20.0	18.0		ug/L		90	79 - 125
Methyl acetate	40.0	37.5		ug/L		94	50 - 147
Methyl tert-butyl ether	20.0	16.6		ug/L		83	72 - 131
Methylcyclohexane	20.0	18.6		ug/L		93	63 - 138
Methylene Chloride	20.0	18.3		ug/L		91	74 - 127
m-Xylene & p-Xylene	20.0	16.7		ug/L		84	78 - 120
o-Xylene	20.0	17.2		ug/L		86	78 - 120
Styrene	20.0	17.9		ug/L		89	82 - 127
TBA	200	173		ug/L		87	64 - 142
Tetrachloroethene	20.0	17.3		ug/L		86	70 - 127

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039512/2
Matrix: Water
Analysis Batch: 1039512

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	20.0	17.6		ug/L		88	78 - 120
trans-1,2-Dichloroethene	20.0	17.9		ug/L		90	70 - 126
trans-1,3-Dichloropropene	20.0	15.6		ug/L		78	71 - 127
Trichloroethene	20.0	17.8		ug/L		89	73 - 121
Trichlorofluoromethane	20.0	21.6		ug/L		108	62 - 134
Vinyl chloride	20.0	18.9		ug/L		95	55 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*
4-Bromofluorobenzene	*98*		*76 - 120*
Dibromofluoromethane (Surr)	*106*		*77 - 132*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 460-326553-H-3 MS
Matrix: Water
Analysis Batch: 1039512

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	20.4		ug/L		102	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	18.8		ug/L		94	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	22.4		ug/L		112	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	18.0		ug/L		90	74 - 125
1,1-Dichloroethane	1.0	U	20.0	18.9		ug/L		95	73 - 130
1,1-Dichloroethene	1.0	U	20.0	18.5		ug/L		92	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	19.8		ug/L		99	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	18.6		ug/L		93	67 - 132
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	17.5		ug/L		87	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	21.9		ug/L		110	80 - 120
1,2-Dichloroethane	0.30	U	20.0	19.5		ug/L		98	66 - 129
1,2-Dichloropropane	0.92	U	20.0	17.1		ug/L		85	72 - 128
1,3-Dichlorobenzene	1.0	U	20.0	19.8		ug/L		99	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	19.7		ug/L		99	80 - 120
2-Butanone (MEK)	5.0	U	100	97.2		ug/L		97	65 - 142
2-Hexanone	5.0	U	100	87.7		ug/L		88	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	94.4		ug/L		94	77 - 130
Acetone	5.0	U	100	94.5		ug/L		94	60 - 133
Acrolein	4.0	U	40.0	26.4		ug/L		66	18 - 150
Acrylonitrile	2.0	U	200	197		ug/L		98	57 - 146
Benzene	0.45	U	20.0	18.5		ug/L		93	71 - 126
Bromoform	1.0	U	20.0	19.5		ug/L		97	58 - 128
Bromomethane	1.0	U	20.0	21.4		ug/L		107	33 - 150
Carbon disulfide	1.0	U	20.0	16.9		ug/L		85	35 - 150
Carbon tetrachloride	1.0	U	20.0	21.0		ug/L		105	65 - 131
Chlorobenzene	1.0	U	20.0	18.6		ug/L		93	80 - 120
Chlorobromomethane	1.0	U	20.0	19.3		ug/L		96	71 - 134
Chlorodibromomethane	0.78	U	20.0	18.8		ug/L		94	73 - 121
Chloroethane	1.0	U	20.0	20.6		ug/L		103	54 - 150
Chloroform	1.0	U	20.0	20.0		ug/L		100	78 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326553-H-3 MS
Matrix: Water
Analysis Batch: 1039512

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	1.0	U	20.0	18.2		ug/L		91	43 - 149
cis-1,2-Dichloroethene	1.0	U	20.0	18.8		ug/L		94	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	16.6		ug/L		83	74 - 125
Cyclohexane	1.0	U	20.0	19.5		ug/L		98	64 - 142
Dichlorobromomethane	0.98	U	20.0	19.2		ug/L		96	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	19.1		ug/L		95	38 - 144
Ethylbenzene	1.0	U	20.0	17.9		ug/L		90	78 - 120
Ethylene Dibromide	1.0	U	20.0	18.7		ug/L		93	79 - 126
Isopropylbenzene	1.0	U	20.0	18.1		ug/L		90	79 - 125
Methyl acetate	5.0	U	40.0	35.4		ug/L		89	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	17.4		ug/L		87	72 - 131
Methylcyclohexane	1.0	U	20.0	18.9		ug/L		94	63 - 138
Methylene Chloride	1.0	U	20.0	19.0		ug/L		95	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	17.2		ug/L		86	78 - 120
o-Xylene	1.0	U	20.0	17.4		ug/L		87	78 - 120
Styrene	1.0	U	20.0	17.9		ug/L		89	82 - 127
TBA	10	U	200	162		ug/L		81	64 - 142
Tetrachloroethene	0.40	U	20.0	17.9		ug/L		90	70 - 127
Toluene	1.0	U	20.0	18.1		ug/L		90	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	18.4		ug/L		92	70 - 126
trans-1,3-Dichloropropene	0.45	U	20.0	15.6		ug/L		78	71 - 127
Trichloroethene	0.28	U	20.0	17.2		ug/L		86	73 - 121
Trichlorofluoromethane	1.0	U	20.0	22.9		ug/L		114	62 - 134
Vinyl chloride	1.0	U	20.0	19.8		ug/L		99	55 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*
4-Bromofluorobenzene	*96*		*76 - 120*
Dibromofluoromethane (Surr)	*107*		*77 - 132*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 460-326553-H-3 MSD
Matrix: Water
Analysis Batch: 1039512

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	20.5		ug/L		103	72 - 128	1	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	18.2		ug/L		91	63 - 139	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	22.9		ug/L		114	65 - 142	2	30
1,1,2-Trichloroethane	0.58	U	20.0	17.7		ug/L		89	74 - 125	2	30
1,1-Dichloroethane	1.0	U	20.0	19.3		ug/L		97	73 - 130	2	30
1,1-Dichloroethene	1.0	U	20.0	18.2		ug/L		91	68 - 133	1	30
1,2,3-Trichlorobenzene	1.0	U	20.0	20.4		ug/L		102	55 - 150	3	30
1,2,4-Trichlorobenzene	1.0	U	20.0	18.0		ug/L		90	67 - 132	3	30
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	18.2		ug/L		91	58 - 132	4	30
1,2-Dichlorobenzene	1.0	U	20.0	19.5		ug/L		97	80 - 120	12	30
1,2-Dichloroethane	0.30	U	20.0	19.6		ug/L		98	66 - 129	0	30
1,2-Dichloropropane	0.92	U	20.0	18.1		ug/L		91	72 - 128	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-326553-H-3 MSD
Matrix: Water
Analysis Batch: 1039512

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3-Dichlorobenzene	1.0	U	20.0	18.6		ug/L		93	80 - 120	6	30
1,4-Dichlorobenzene	1.0	U	20.0	18.8		ug/L		94	80 - 120	5	30
2-Butanone (MEK)	5.0	U	100	93.9		ug/L		94	65 - 142	3	30
2-Hexanone	5.0	U	100	87.7		ug/L		88	72 - 134	0	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	92.8		ug/L		93	77 - 130	2	30
Acetone	5.0	U	100	90.6		ug/L		91	60 - 133	4	30
Acrolein	4.0	U	40.0	29.2		ug/L		73	18 - 150	10	30
Acrylonitrile	2.0	U	200	204		ug/L		102	57 - 146	3	30
Benzene	0.45	U	20.0	18.8		ug/L		94	71 - 126	2	30
Bromoform	1.0	U	20.0	19.7		ug/L		99	58 - 128	1	30
Bromomethane	1.0	U	20.0	22.9		ug/L		114	33 - 150	7	30
Carbon disulfide	1.0	U	20.0	16.9		ug/L		85	35 - 150	0	30
Carbon tetrachloride	1.0	U	20.0	21.5		ug/L		108	65 - 131	2	30
Chlorobenzene	1.0	U	20.0	19.0		ug/L		95	80 - 120	2	30
Chlorobromomethane	1.0	U	20.0	19.5		ug/L		97	71 - 134	1	30
Chlorodibromomethane	0.78	U	20.0	18.8		ug/L		94	73 - 121	0	30
Chloroethane	1.0	U	20.0	22.5		ug/L		113	54 - 150	9	30
Chloroform	1.0	U	20.0	20.2		ug/L		101	78 - 125	1	30
Chloromethane	1.0	U	20.0	20.1		ug/L		100	43 - 149	10	30
cis-1,2-Dichloroethene	1.0	U	20.0	19.3		ug/L		97	78 - 121	3	30
cis-1,3-Dichloropropene	0.45	U	20.0	16.4		ug/L		82	74 - 125	2	30
Cyclohexane	1.0	U	20.0	20.0		ug/L		100	64 - 142	3	30
Dichlorobromomethane	0.98	U	20.0	19.2		ug/L		96	76 - 121	0	30
Dichlorodifluoromethane	1.0	U	20.0	20.4		ug/L		102	38 - 144	7	30
Ethylbenzene	1.0	U	20.0	18.6		ug/L		93	78 - 120	3	30
Ethylene Dibromide	1.0	U	20.0	18.9		ug/L		94	79 - 126	1	30
Isopropylbenzene	1.0	U	20.0	18.6		ug/L		93	79 - 125	3	30
Methyl acetate	5.0	U	40.0	33.3		ug/L		83	50 - 147	6	30
Methyl tert-butyl ether	1.0	U	20.0	17.7		ug/L		89	72 - 131	2	30
Methylcyclohexane	1.0	U	20.0	19.2		ug/L		96	63 - 138	2	30
Methylene Chloride	1.0	U	20.0	18.6		ug/L		93	74 - 127	2	30
m-Xylene & p-Xylene	1.0	U	20.0	17.6		ug/L		88	78 - 120	2	30
o-Xylene	1.0	U	20.0	17.8		ug/L		89	78 - 120	2	30
Styrene	1.0	U	20.0	18.4		ug/L		92	82 - 127	3	30
TBA	10	U	200	157		ug/L		78	64 - 142	3	30
Tetrachloroethene	0.40	U	20.0	18.2		ug/L		91	70 - 127	1	30
Toluene	1.0	U	20.0	18.2		ug/L		91	78 - 120	1	30
trans-1,2-Dichloroethene	1.0	U	20.0	18.8		ug/L		94	70 - 126	2	30
trans-1,3-Dichloropropene	0.45	U	20.0	15.8		ug/L		79	71 - 127	1	30
Trichloroethene	0.28	U	20.0	17.7		ug/L		89	73 - 121	3	30
Trichlorofluoromethane	1.0	U	20.0	24.8		ug/L		124	62 - 134	8	30
Vinyl chloride	1.0	U	20.0	20.9		ug/L		105	55 - 144	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*
4-Bromofluorobenzene	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*106*		*77 - 132*
Toluene-d8 (Surr)	*98*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039554/8
Matrix: Solid
Analysis Batch: 1039554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 19:44	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 19:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/25/25 19:44	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 19:44	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 19:44	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 19:44	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/25/25 19:44	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 19:44	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/25/25 19:44	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 19:44	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/25/25 19:44	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/25/25 19:44	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/25/25 19:44	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 19:44	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/25/25 19:44	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/25/25 19:44	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/25/25 19:44	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/25/25 19:44	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/25/25 19:44	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/25/25 19:44	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/25/25 19:44	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/25/25 19:44	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/25/25 19:44	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 19:44	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/25/25 19:44	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/25/25 19:44	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 19:44	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/25/25 19:44	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 19:44	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/25/25 19:44	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/25/25 19:44	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 19:44	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 19:44	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/25/25 19:44	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/25/25 19:44	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/25/25 19:44	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/25/25 19:44	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/25/25 19:44	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/25/25 19:44	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/25/25 19:44	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/25/25 19:44	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/25/25 19:44	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/25/25 19:44	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/25/25 19:44	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/25/25 19:44	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/25/25 19:44	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/25/25 19:44	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/25/25 19:44	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039554/8
Matrix: Solid
Analysis Batch: 1039554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 19:44	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/25/25 19:44	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 19:44	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/25/25 19:44	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/25/25 19:44	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/25/25 19:44	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/25/25 19:44*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*		*05/25/25 19:44*	*1*
4-Bromofluorobenzene	*110*		*71 - 128*		*05/25/25 19:44*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*		*05/25/25 19:44*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*05/25/25 19:44*	*1*

Lab Sample ID: LCS 460-1039554/3
Matrix: Solid
Analysis Batch: 1039554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0242	*	mg/Kg		121	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0166		mg/Kg		83	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0253	*	mg/Kg		126	75 - 121
1,1,2-Trichloroethane	0.0200	0.0179		mg/Kg		89	80 - 120
1,1-Dichloroethane	0.0200	0.0192		mg/Kg		96	72 - 120
1,1-Dichloroethene	0.0200	0.0229		mg/Kg		114	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0217		mg/Kg		108	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0221		mg/Kg		111	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0187		mg/Kg		94	80 - 124
1,2-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120
1,2-Dichloroethane	0.0200	0.0210		mg/Kg		105	70 - 123
1,2-Dichloropropane	0.0200	0.0177		mg/Kg		89	73 - 124
1,3-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120
1,4-Dichlorobenzene	0.0200	0.0223		mg/Kg		111	80 - 120
2-Butanone (MEK)	0.100	0.129	*	mg/Kg		129	64 - 128
2-Hexanone	0.100	0.107		mg/Kg		107	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.107		mg/Kg		107	80 - 120
Acetone	0.100	0.118		mg/Kg		118	58 - 122
Acrolein	0.300	0.319		mg/Kg		106	54 - 158
Acrylonitrile	0.200	0.180		mg/Kg		90	56 - 120
Benzene	0.0200	0.0191		mg/Kg		95	75 - 120
Bromoform	0.0200	0.0205		mg/Kg		102	61 - 125
Bromomethane	0.0200	0.0193		mg/Kg		97	37 - 150
Carbon disulfide	0.0200	0.0222		mg/Kg		111	57 - 133
Carbon tetrachloride	0.0200	0.0254		mg/Kg		127	66 - 127
Chlorobenzene	0.0200	0.0218		mg/Kg		109	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039554/3
Matrix: Solid
Analysis Batch: 1039554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0241		mg/Kg		121	76 - 127
Chlorodibromomethane	0.0200	0.0211		mg/Kg		105	72 - 120
Chloroethane	0.0200	0.0161		mg/Kg		80	60 - 123
Chloroform	0.0200	0.0214		mg/Kg		107	79 - 126
Chloromethane	0.0200	0.0142		mg/Kg		71	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0222		mg/Kg		111	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0192		mg/Kg		96	75 - 120
Cyclohexane	0.0200	0.0218		mg/Kg		109	65 - 132
Dichlorobromomethane	0.0200	0.0203		mg/Kg		101	77 - 124
Dichlorodifluoromethane	0.0200	0.0238		mg/Kg		119	45 - 129
Ethylbenzene	0.0200	0.0210		mg/Kg		105	80 - 120
Ethylene Dibromide	0.0200	0.0205		mg/Kg		102	79 - 120
Isopropylbenzene	0.0200	0.0199		mg/Kg		99	74 - 120
Methyl acetate	0.0400	0.0304		mg/Kg		76	57 - 120
Methyl tert-butyl ether	0.0200	0.0202		mg/Kg		101	74 - 125
Methylcyclohexane	0.0200	0.0196		mg/Kg		98	66 - 125
Methylene Chloride	0.0200	0.0211		mg/Kg		106	78 - 120
m-Xylene & p-Xylene	0.0200	0.0205		mg/Kg		102	80 - 120
o-Xylene	0.0200	0.0209		mg/Kg		105	80 - 120
Styrene	0.0200	0.0214		mg/Kg		107	80 - 120
TBA	0.200	0.199		mg/Kg		100	79 - 120
Tetrachloroethene	0.0200	0.0240		mg/Kg		120	73 - 120
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0228		mg/Kg		114	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	77 - 120
Trichloroethene	0.0200	0.0231		mg/Kg		116	80 - 120
Trichlorofluoromethane	0.0200	0.0246		mg/Kg		123	61 - 130
Vinyl chloride	0.0200	0.0159		mg/Kg		80	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*115*		*71 - 128*
Dibromofluoromethane (Surr)	*113*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: LCSD 460-1039554/4
Matrix: Solid
Analysis Batch: 1039554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0234		mg/Kg		117	78 - 120	3	30
1,1,2,2-Tetrachloroethane	0.0200	0.0148		mg/Kg		74	70 - 133	11	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0242		mg/Kg		121	75 - 121	4	30
1,1,2-Trichloroethane	0.0200	0.0163		mg/Kg		81	80 - 120	9	30
1,1-Dichloroethane	0.0200	0.0186		mg/Kg		93	72 - 120	4	30
1,1-Dichloroethene	0.0200	0.0222		mg/Kg		111	76 - 120	3	30
1,2,3-Trichlorobenzene	0.0200	0.0197		mg/Kg		99	77 - 137	9	30
1,2,4-Trichlorobenzene	0.0200	0.0201		mg/Kg		100	77 - 136	10	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039554/4
Matrix: Solid
Analysis Batch: 1039554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0200	0.0167		mg/Kg		84	80 - 124	11	30
1,2-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	9	30
1,2-Dichloroethane	0.0200	0.0213		mg/Kg		106	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0177		mg/Kg		88	73 - 124	0	30
1,3-Dichlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120	6	30
1,4-Dichlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120	11	30
2-Butanone (MEK)	0.100	0.124		mg/Kg		124	64 - 128	4	30
2-Hexanone	0.100	0.101		mg/Kg		101	75 - 120	6	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0980		mg/Kg		98	80 - 120	9	30
Acetone	0.100	0.113		mg/Kg		113	58 - 122	5	30
Acrolein	0.300	0.265		mg/Kg		88	54 - 158	19	30
Acrylonitrile	0.200	0.163		mg/Kg		82	56 - 120	10	30
Benzene	0.0200	0.0172		mg/Kg		86	75 - 120	10	30
Bromoform	0.0200	0.0194		mg/Kg		97	61 - 125	5	30
Bromomethane	0.0200	0.0195		mg/Kg		98	37 - 150	1	30
Carbon disulfide	0.0200	0.0216		mg/Kg		108	57 - 133	2	30
Carbon tetrachloride	0.0200	0.0250		mg/Kg		125	66 - 127	1	30
Chlorobenzene	0.0200	0.0195		mg/Kg		98	80 - 120	11	30
Chlorobromomethane	0.0200	0.0232		mg/Kg		116	76 - 127	4	30
Chlorodibromomethane	0.0200	0.0192		mg/Kg		96	72 - 120	9	30
Chloroethane	0.0200	0.0178		mg/Kg		89	60 - 123	10	30
Chloroform	0.0200	0.0210		mg/Kg		105	79 - 126	2	30
Chloromethane	0.0200	0.0152		mg/Kg		76	46 - 122	6	30
cis-1,2-Dichloroethene	0.0200	0.0214		mg/Kg		107	80 - 123	4	30
cis-1,3-Dichloropropene	0.0200	0.0179		mg/Kg		90	75 - 120	7	30
Cyclohexane	0.0200	0.0207		mg/Kg		104	65 - 132	5	30
Dichlorobromomethane	0.0200	0.0194		mg/Kg		97	77 - 124	4	30
Dichlorodifluoromethane	0.0200	0.0253		mg/Kg		127	45 - 129	6	30
Ethylbenzene	0.0200	0.0196		mg/Kg		98	80 - 120	7	30
Ethylene Dibromide	0.0200	0.0187		mg/Kg		93	79 - 120	9	30
Isopropylbenzene	0.0200	0.0187		mg/Kg		94	74 - 120	6	30
Methyl acetate	0.0400	0.0302		mg/Kg		75	57 - 120	1	30
Methyl tert-butyl ether	0.0200	0.0191		mg/Kg		96	74 - 125	5	30
Methylcyclohexane	0.0200	0.0192		mg/Kg		96	66 - 125	2	30
Methylene Chloride	0.0200	0.0205		mg/Kg		103	78 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120	6	30
o-Xylene	0.0200	0.0193		mg/Kg		96	80 - 120	8	30
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120	11	30
TBA	0.200	0.175		mg/Kg		88	79 - 120	13	30
Tetrachloroethene	0.0200	0.0228		mg/Kg		114	73 - 120	5	30
Toluene	0.0200	0.0180		mg/Kg		90	80 - 120	7	30
trans-1,2-Dichloroethene	0.0200	0.0222		mg/Kg		111	78 - 120	3	30
trans-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	77 - 120	9	30
Trichloroethene	0.0200	0.0215		mg/Kg		107	80 - 120	7	30
Trichlorofluoromethane	0.0200	0.0258		mg/Kg		129	61 - 130	5	30
Vinyl chloride	0.0200	0.0170		mg/Kg		85	54 - 122	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039554/4
Matrix: Solid
Analysis Batch: 1039554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*
4-Bromofluorobenzene	*107*		*71 - 128*
Dibromofluoromethane (Surr)	*115*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: MB 460-1039604/9
Matrix: Solid
Analysis Batch: 1039604

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/26/25 17:32	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/26/25 17:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/26/25 17:32	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/25 17:32	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/25 17:32	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/26/25 17:32	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/26/25 17:32	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/25 17:32	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/26/25 17:32	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/25 17:32	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/26/25 17:32	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/26/25 17:32	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/26/25 17:32	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/26/25 17:32	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/26/25 17:32	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/26/25 17:32	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/26/25 17:32	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/26/25 17:32	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/26/25 17:32	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/26/25 17:32	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/26/25 17:32	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/26/25 17:32	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/26/25 17:32	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/26/25 17:32	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/26/25 17:32	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/26/25 17:32	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/25 17:32	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/26/25 17:32	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/26/25 17:32	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/26/25 17:32	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/26/25 17:32	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/25 17:32	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/26/25 17:32	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/26/25 17:32	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/26/25 17:32	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/26/25 17:32	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/26/25 17:32	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/26/25 17:32	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039604/9
Matrix: Solid
Analysis Batch: 1039604

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/26/25 17:32	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/26/25 17:32	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/26/25 17:32	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/26/25 17:32	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/26/25 17:32	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/26/25 17:32	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/26/25 17:32	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/26/25 17:32	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/26/25 17:32	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/26/25 17:32	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/26/25 17:32	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/26/25 17:32	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/26/25 17:32	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/26/25 17:32	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/26/25 17:32	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/26/25 17:32	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/26/25 17:32*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*		*05/26/25 17:32*	*1*
4-Bromofluorobenzene	*80*		*71 - 128*		*05/26/25 17:32*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*		*05/26/25 17:32*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*		*05/26/25 17:32*	*1*

Lab Sample ID: LCS 460-1039604/4
Matrix: Solid
Analysis Batch: 1039604

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0172		mg/Kg		86	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0167		mg/Kg		83	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0208		mg/Kg		104	75 - 121
1,1,2-Trichloroethane	0.0200	0.0182		mg/Kg		91	80 - 120
1,1-Dichloroethane	0.0200	0.0189		mg/Kg		94	72 - 120
1,1-Dichloroethene	0.0200	0.0202		mg/Kg		101	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0182		mg/Kg		91	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0179		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0177		mg/Kg		88	80 - 120
1,2-Dichloroethane	0.0200	0.0174		mg/Kg		87	70 - 123
1,2-Dichloropropane	0.0200	0.0197		mg/Kg		99	73 - 124
1,3-Dichlorobenzene	0.0200	0.0175		mg/Kg		87	80 - 120
1,4-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.0852		mg/Kg		85	64 - 128
2-Hexanone	0.100	0.0904		mg/Kg		90	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039604/4
Matrix: Solid
Analysis Batch: 1039604

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	0.100	0.0899		mg/Kg		90	80 - 120
Acetone	0.100	0.102		mg/Kg		102	58 - 122
Acrolein	0.300	0.444		mg/Kg		148	54 - 158
Acrylonitrile	0.200	0.228		mg/Kg		114	56 - 120
Benzene	0.0200	0.0178		mg/Kg		89	75 - 120
Bromoform	0.0200	0.0218		mg/Kg		109	61 - 125
Bromomethane	0.0200	0.0249		mg/Kg		124	37 - 150
Carbon disulfide	0.0200	0.0204		mg/Kg		102	57 - 133
Carbon tetrachloride	0.0200	0.0183		mg/Kg		91	66 - 127
Chlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120
Chlorobromomethane	0.0200	0.0208		mg/Kg		104	76 - 127
Chlorodibromomethane	0.0200	0.0197		mg/Kg		98	72 - 120
Chloroethane	0.0200	0.0207		mg/Kg		103	60 - 123
Chloroform	0.0200	0.0182		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0236		mg/Kg		118	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0190		mg/Kg		95	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0164		mg/Kg		82	75 - 120
Cyclohexane	0.0200	0.0186		mg/Kg		93	65 - 132
Dichlorobromomethane	0.0200	0.0186		mg/Kg		93	77 - 124
Dichlorodifluoromethane	0.0200	0.0220		mg/Kg		110	45 - 129
Ethylbenzene	0.0200	0.0176		mg/Kg		88	80 - 120
Ethylene Dibromide	0.0200	0.0181		mg/Kg		90	79 - 120
Isopropylbenzene	0.0200	0.0175		mg/Kg		87	74 - 120
Methyl acetate	0.0400	0.0407		mg/Kg		102	57 - 120
Methyl tert-butyl ether	0.0200	0.0174		mg/Kg		87	74 - 125
Methylcyclohexane	0.0200	0.0188		mg/Kg		94	66 - 125
Methylene Chloride	0.0200	0.0199		mg/Kg		100	78 - 120
m-Xylene & p-Xylene	0.0200	0.0171		mg/Kg		86	80 - 120
o-Xylene	0.0200	0.0174		mg/Kg		87	80 - 120
Styrene	0.0200	0.0173		mg/Kg		87	80 - 120
TBA	0.200	0.176		mg/Kg		88	79 - 120
Tetrachloroethene	0.0200	0.0198		mg/Kg		99	73 - 120
Toluene	0.0200	0.0168		mg/Kg		84	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0200		mg/Kg		100	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0161		mg/Kg		80	77 - 120
Trichloroethene	0.0200	0.0179		mg/Kg		89	80 - 120
Trichlorofluoromethane	0.0200	0.0214		mg/Kg		107	61 - 130
Vinyl chloride	0.0200	0.0231		mg/Kg		115	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*
4-Bromofluorobenzene	*91*		*71 - 128*
Dibromofluoromethane (Surr)	*110*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039604/5
Matrix: Solid
Analysis Batch: 1039604

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0181		mg/Kg		90	78 - 120	5	30
1,1,2,2-Tetrachloroethane			0.0200	0.0155		mg/Kg		77	70 - 133	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0208		mg/Kg		104	75 - 121	0	30
1,1,2-Trichloroethane			0.0200	0.0169		mg/Kg		85	80 - 120	7	30
1,1-Dichloroethane			0.0200	0.0195		mg/Kg		97	72 - 120	3	30
1,1-Dichloroethene			0.0200	0.0210		mg/Kg		105	76 - 120	4	30
1,2,3-Trichlorobenzene			0.0200	0.0154		mg/Kg		77	77 - 137	20	30
1,2,4-Trichlorobenzene			0.0200	0.0151	*	mg/Kg		76	77 - 136	19	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0165		mg/Kg		83	80 - 124	8	30
1,2-Dichlorobenzene			0.0200	0.0164		mg/Kg		82	80 - 120	8	30
1,2-Dichloroethane			0.0200	0.0166		mg/Kg		83	70 - 123	4	30
1,2-Dichloropropane			0.0200	0.0195		mg/Kg		97	73 - 124	1	30
1,3-Dichlorobenzene			0.0200	0.0163		mg/Kg		81	80 - 120	7	30
1,4-Dichlorobenzene			0.0200	0.0165		mg/Kg		82	80 - 120	9	30
2-Butanone (MEK)			0.100	0.0811		mg/Kg		81	64 - 128	5	30
2-Hexanone			0.100	0.0864		mg/Kg		86	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0912		mg/Kg		91	80 - 120	1	30
Acetone			0.100	0.105		mg/Kg		105	58 - 122	3	30
Acrolein			0.300	0.426		mg/Kg		142	54 - 158	4	30
Acrylonitrile			0.200	0.225		mg/Kg		112	56 - 120	1	30
Benzene			0.0200	0.0184		mg/Kg		92	75 - 120	3	30
Bromoform			0.0200	0.0206		mg/Kg		103	61 - 125	6	30
Bromomethane			0.0200	0.0245		mg/Kg		123	37 - 150	1	30
Carbon disulfide			0.0200	0.0216		mg/Kg		108	57 - 133	6	30
Carbon tetrachloride			0.0200	0.0191		mg/Kg		96	66 - 127	4	30
Chlorobenzene			0.0200	0.0184		mg/Kg		92	80 - 120	1	30
Chlorobromomethane			0.0200	0.0201		mg/Kg		101	76 - 127	3	30
Chlorodibromomethane			0.0200	0.0186		mg/Kg		93	72 - 120	6	30
Chloroethane			0.0200	0.0202		mg/Kg		101	60 - 123	2	30
Chloroform			0.0200	0.0187		mg/Kg		93	79 - 126	3	30
Chloromethane			0.0200	0.0216		mg/Kg		108	46 - 122	9	30
cis-1,2-Dichloroethene			0.0200	0.0192		mg/Kg		96	80 - 123	1	30
cis-1,3-Dichloropropene			0.0200	0.0162		mg/Kg		81	75 - 120	1	30
Cyclohexane			0.0200	0.0181		mg/Kg		91	65 - 132	3	30
Dichlorobromomethane			0.0200	0.0183		mg/Kg		92	77 - 124	2	30
Dichlorodifluoromethane			0.0200	0.0222		mg/Kg		111	45 - 129	1	30
Ethylbenzene			0.0200	0.0175		mg/Kg		88	80 - 120	0	30
Ethylene Dibromide			0.0200	0.0168		mg/Kg		84	79 - 120	7	30
Isopropylbenzene			0.0200	0.0165		mg/Kg		82	74 - 120	6	30
Methyl acetate			0.0400	0.0407		mg/Kg		102	57 - 120	0	30
Methyl tert-butyl ether			0.0200	0.0165		mg/Kg		82	74 - 125	5	30
Methylcyclohexane			0.0200	0.0168		mg/Kg		84	66 - 125	11	30
Methylene Chloride			0.0200	0.0197		mg/Kg		99	78 - 120	1	30
m-Xylene & p-Xylene			0.0200	0.0170		mg/Kg		85	80 - 120	0	30
o-Xylene			0.0200	0.0170		mg/Kg		85	80 - 120	2	30
Styrene			0.0200	0.0169		mg/Kg		84	80 - 120	3	30
TBA			0.200	0.169		mg/Kg		84	79 - 120	4	30
Tetrachloroethene			0.0200	0.0197		mg/Kg		99	73 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039604/5
Matrix: Solid
Analysis Batch: 1039604

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.0200	0.0173		mg/Kg		87	80 - 120	3	30
trans-1,2-Dichloroethene			0.0200	0.0208		mg/Kg		104	78 - 120	4	30
trans-1,3-Dichloropropene			0.0200	0.0151	*	mg/Kg		76	77 - 120	6	30
Trichloroethene			0.0200	0.0181		mg/Kg		91	80 - 120	1	30
Trichlorofluoromethane			0.0200	0.0213		mg/Kg		107	61 - 130	0	30
Vinyl chloride			0.0200	0.0229		mg/Kg		115	54 - 122	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*
4-Bromofluorobenzene	*81*		*71 - 128*
Dibromofluoromethane (Surr)	*101*		*50 - 150*
Toluene-d8 (Surr)	*92*		*71 - 126*

Lab Sample ID: MB 460-1039609/6
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/26/25 17:27	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/26/25 17:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/26/25 17:27	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/25 17:27	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/25 17:27	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/26/25 17:27	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/26/25 17:27	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/25 17:27	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/26/25 17:27	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/25 17:27	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/26/25 17:27	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/26/25 17:27	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/26/25 17:27	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/26/25 17:27	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/26/25 17:27	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/26/25 17:27	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/26/25 17:27	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/26/25 17:27	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/26/25 17:27	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/26/25 17:27	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/26/25 17:27	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/26/25 17:27	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/26/25 17:27	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/26/25 17:27	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/26/25 17:27	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/26/25 17:27	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/25 17:27	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/26/25 17:27	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/26/25 17:27	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/26/25 17:27	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039609/6
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/26/25 17:27	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/25 17:27	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/26/25 17:27	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/26/25 17:27	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/26/25 17:27	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/26/25 17:27	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/26/25 17:27	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/26/25 17:27	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/26/25 17:27	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/26/25 17:27	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/26/25 17:27	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/26/25 17:27	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/26/25 17:27	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/26/25 17:27	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/26/25 17:27	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/26/25 17:27	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/26/25 17:27	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/26/25 17:27	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/26/25 17:27	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/26/25 17:27	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/26/25 17:27	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/26/25 17:27	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/26/25 17:27	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/26/25 17:27	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/26/25 17:27*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*		*05/26/25 17:27*	*1*
4-Bromofluorobenzene	*117*		*71 - 128*		*05/26/25 17:27*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*		*05/26/25 17:27*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*		*05/26/25 17:27*	*1*

Lab Sample ID: LCS 460-1039609/3
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0219		mg/Kg		110	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0207		mg/Kg		104	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0249	*	mg/Kg		124	75 - 121
1,1,2-Trichloroethane	0.0200	0.0198		mg/Kg		99	80 - 120
1,1-Dichloroethane	0.0200	0.0229		mg/Kg		114	72 - 120
1,1-Dichloroethene	0.0200	0.0235		mg/Kg		118	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0247		mg/Kg		124	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0262		mg/Kg		131	77 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039609/3
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0197		mg/Kg		98	80 - 124
1,2-Dichlorobenzene	0.0200	0.0217		mg/Kg		109	80 - 120
1,2-Dichloroethane	0.0200	0.0208		mg/Kg		104	70 - 123
1,2-Dichloropropane	0.0200	0.0222		mg/Kg		111	73 - 124
1,3-Dichlorobenzene	0.0200	0.0215		mg/Kg		108	80 - 120
1,4-Dichlorobenzene	0.0200	0.0225		mg/Kg		112	80 - 120
2-Butanone (MEK)	0.100	0.108		mg/Kg		108	64 - 128
2-Hexanone	0.100	0.108		mg/Kg		108	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 120
Acetone	0.100	0.112		mg/Kg		112	58 - 122
Acrolein	0.300	0.374		mg/Kg		125	54 - 158
Acrylonitrile	0.200	0.207		mg/Kg		103	56 - 120
Benzene	0.0200	0.0220		mg/Kg		110	75 - 120
Bromoform	0.0200	0.0195		mg/Kg		98	61 - 125
Bromomethane	0.0200	0.0223		mg/Kg		112	37 - 150
Carbon disulfide	0.0200	0.0243		mg/Kg		121	57 - 133
Carbon tetrachloride	0.0200	0.0220		mg/Kg		110	66 - 127
Chlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0203		mg/Kg		101	76 - 127
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	72 - 120
Chloroethane	0.0200	0.0207		mg/Kg		103	60 - 123
Chloroform	0.0200	0.0222		mg/Kg		111	79 - 126
Chloromethane	0.0200	0.0197		mg/Kg		99	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0226		mg/Kg		113	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0217		mg/Kg		109	75 - 120
Cyclohexane	0.0200	0.0236		mg/Kg		118	65 - 132
Dichlorobromomethane	0.0200	0.0206		mg/Kg		103	77 - 124
Dichlorodifluoromethane	0.0200	0.0238		mg/Kg		119	45 - 129
Ethylbenzene	0.0200	0.0213		mg/Kg		107	80 - 120
Ethylene Dibromide	0.0200	0.0203		mg/Kg		102	79 - 120
Isopropylbenzene	0.0200	0.0210		mg/Kg		105	74 - 120
Methyl acetate	0.0400	0.0451		mg/Kg		113	57 - 120
Methyl tert-butyl ether	0.0200	0.0207		mg/Kg		104	74 - 125
Methylcyclohexane	0.0200	0.0233		mg/Kg		117	66 - 125
Methylene Chloride	0.0200	0.0220		mg/Kg		110	78 - 120
m-Xylene & p-Xylene	0.0200	0.0210		mg/Kg		105	80 - 120
o-Xylene	0.0200	0.0212		mg/Kg		106	80 - 120
Styrene	0.0200	0.0210		mg/Kg		105	80 - 120
TBA	0.200	0.201		mg/Kg		101	79 - 120
Tetrachloroethene	0.0200	0.0225		mg/Kg		113	73 - 120
Toluene	0.0200	0.0209		mg/Kg		105	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0239		mg/Kg		119	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0204		mg/Kg		102	77 - 120
Trichloroethene	0.0200	0.0221		mg/Kg		110	80 - 120
Trichlorofluoromethane	0.0200	0.0216		mg/Kg		108	61 - 130
Vinyl chloride	0.0200	0.0206		mg/Kg		103	54 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039609/3
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*
4-Bromofluorobenzene	*112*		*71 - 128*
Dibromofluoromethane (Surr)	*107*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: LCSD 460-1039609/4
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0187		mg/Kg		93	78 - 120	16	30
1,1,2,2-Tetrachloroethane			0.0200	0.0183		mg/Kg		92	70 - 133	12	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0224		mg/Kg		112	75 - 121	11	30
1,1,2-Trichloroethane			0.0200	0.0176		mg/Kg		88	80 - 120	12	30
1,1-Dichloroethane			0.0200	0.0198		mg/Kg		99	72 - 120	14	30
1,1-Dichloroethene			0.0200	0.0206		mg/Kg		103	76 - 120	13	30
1,2,3-Trichlorobenzene			0.0200	0.0216		mg/Kg		108	77 - 137	13	30
1,2,4-Trichlorobenzene			0.0200	0.0231		mg/Kg		116	77 - 136	12	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0160		mg/Kg		80	80 - 124	21	30
1,2-Dichlorobenzene			0.0200	0.0187		mg/Kg		93	80 - 120	15	30
1,2-Dichloroethane			0.0200	0.0184		mg/Kg		92	70 - 123	12	30
1,2-Dichloropropane			0.0200	0.0196		mg/Kg		98	73 - 124	13	30
1,3-Dichlorobenzene			0.0200	0.0196		mg/Kg		98	80 - 120	10	30
1,4-Dichlorobenzene			0.0200	0.0200		mg/Kg		100	80 - 120	12	30
2-Butanone (MEK)			0.100	0.0937		mg/Kg		94	64 - 128	14	30
2-Hexanone			0.100	0.0944		mg/Kg		94	75 - 120	14	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0933		mg/Kg		93	80 - 120	12	30
Acetone			0.100	0.0930		mg/Kg		93	58 - 122	19	30
Acrolein			0.300	0.381		mg/Kg		127	54 - 158	2	30
Acrylonitrile			0.200	0.188		mg/Kg		94	56 - 120	9	30
Benzene			0.0200	0.0189		mg/Kg		94	75 - 120	15	30
Bromoform			0.0200	0.0167		mg/Kg		83	61 - 125	16	30
Bromomethane			0.0200	0.0203		mg/Kg		102	37 - 150	9	30
Carbon disulfide			0.0200	0.0217		mg/Kg		108	57 - 133	11	30
Carbon tetrachloride			0.0200	0.0193		mg/Kg		97	66 - 127	13	30
Chlorobenzene			0.0200	0.0181		mg/Kg		91	80 - 120	12	30
Chlorobromomethane			0.0200	0.0188		mg/Kg		94	76 - 127	7	30
Chlorodibromomethane			0.0200	0.0167		mg/Kg		84	72 - 120	12	30
Chloroethane			0.0200	0.0183		mg/Kg		91	60 - 123	12	30
Chloroform			0.0200	0.0203		mg/Kg		101	79 - 126	9	30
Chloromethane			0.0200	0.0179		mg/Kg		89	46 - 122	10	30
cis-1,2-Dichloroethene			0.0200	0.0195		mg/Kg		97	80 - 123	15	30
cis-1,3-Dichloropropene			0.0200	0.0187		mg/Kg		93	75 - 120	15	30
Cyclohexane			0.0200	0.0212		mg/Kg		106	65 - 132	11	30
Dichlorobromomethane			0.0200	0.0178		mg/Kg		89	77 - 124	15	30
Dichlorodifluoromethane			0.0200	0.0210		mg/Kg		105	45 - 129	12	30
Ethylbenzene			0.0200	0.0186		mg/Kg		93	80 - 120	14	30
Ethylene Dibromide			0.0200	0.0176		mg/Kg		88	79 - 120	14	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039609/4
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene			0.0200	0.0188		mg/Kg		94	74 - 120	11	30
Methyl acetate			0.0400	0.0402		mg/Kg		101	57 - 120	11	30
Methyl tert-butyl ether			0.0200	0.0186		mg/Kg		93	74 - 125	11	30
Methylcyclohexane			0.0200	0.0208		mg/Kg		104	66 - 125	12	30
Methylene Chloride			0.0200	0.0199		mg/Kg		100	78 - 120	10	30
m-Xylene & p-Xylene			0.0200	0.0179		mg/Kg		89	80 - 120	16	30
o-Xylene			0.0200	0.0182		mg/Kg		91	80 - 120	15	30
Styrene			0.0200	0.0182		mg/Kg		91	80 - 120	14	30
TBA			0.200	0.176		mg/Kg		88	79 - 120	14	30
Tetrachloroethene			0.0200	0.0202		mg/Kg		101	73 - 120	11	30
Toluene			0.0200	0.0179		mg/Kg		90	80 - 120	15	30
trans-1,2-Dichloroethene			0.0200	0.0207		mg/Kg		103	78 - 120	14	30
trans-1,3-Dichloropropene			0.0200	0.0180		mg/Kg		90	77 - 120	13	30
Trichloroethene			0.0200	0.0187		mg/Kg		93	80 - 120	17	30
Trichlorofluoromethane			0.0200	0.0196		mg/Kg		98	61 - 130	10	30
Vinyl chloride			0.0200	0.0177		mg/Kg		89	54 - 122	15	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*
4-Bromofluorobenzene	*108*		*71 - 128*
Dibromofluoromethane (Surr)	*104*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 460-1039663/8
Matrix: Solid
Analysis Batch: 1039663

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.050	U	0.050	0.014	mg/Kg			05/27/25 10:00	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			05/27/25 10:00	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.017	mg/Kg			05/27/25 10:00	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			05/27/25 10:00	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			05/27/25 10:00	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/27/25 10:00	50
1,2,3-Trichlorobenzene	0.050	U	0.050	0.018	mg/Kg			05/27/25 10:00	50
1,2,4-Trichlorobenzene	0.050	U	0.050	0.014	mg/Kg			05/27/25 10:00	50
1,2-Dibromo-3-Chloropropane	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
1,2-Dichlorobenzene	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			05/27/25 10:00	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			05/27/25 10:00	50
1,3-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/27/25 10:00	50
1,4-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/27/25 10:00	50
2-Butanone (MEK)	0.25	U	0.25	0.11	mg/Kg			05/27/25 10:00	50
2-Hexanone	0.25	U	0.25	0.057	mg/Kg			05/27/25 10:00	50
4-Methyl-2-pentanone (MIBK)	0.25	U	0.25	0.065	mg/Kg			05/27/25 10:00	50
Acetone	0.25	U	0.25	0.22	mg/Kg			05/27/25 10:00	50
Acrolein	0.25	U	0.25	0.12	mg/Kg			05/27/25 10:00	50
Acrylonitrile	0.50	U	0.50	0.091	mg/Kg			05/27/25 10:00	50

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039663/8
Matrix: Solid
Analysis Batch: 1039663

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.050	U	0.050	0.010	mg/Kg			05/27/25 10:00	50
Bromoform	0.050	U	0.050	0.0090	mg/Kg			05/27/25 10:00	50
Bromomethane	0.050	U	0.050	0.028	mg/Kg			05/27/25 10:00	50
Carbon disulfide	0.050	U	0.050	0.034	mg/Kg			05/27/25 10:00	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			05/27/25 10:00	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			05/27/25 10:00	50
Chlorobromomethane	0.050	U	0.050	0.015	mg/Kg			05/27/25 10:00	50
Chlorodibromomethane	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			05/27/25 10:00	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			05/27/25 10:00	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/27/25 10:00	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
Cyclohexane	0.050	U	0.050	0.013	mg/Kg			05/27/25 10:00	50
Dichlorobromomethane	0.050	U	0.050	0.0075	mg/Kg			05/27/25 10:00	50
Dichlorodifluoromethane	0.050	U	0.050	0.016	mg/Kg			05/27/25 10:00	50
Ethylbenzene	0.050	U	0.050	0.015	mg/Kg			05/27/25 10:00	50
Ethylene Dibromide	0.050	U	0.050	0.0095	mg/Kg			05/27/25 10:00	50
Isopropylbenzene	0.050	U	0.050	0.016	mg/Kg			05/27/25 10:00	50
Methyl acetate	0.25	U	0.25	0.039	mg/Kg			05/27/25 10:00	50
Methyl tert-butyl ether	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
Methylcyclohexane	0.050	U	0.050	0.036	mg/Kg			05/27/25 10:00	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
m-Xylene & p-Xylene	0.050	U	0.050	0.014	mg/Kg			05/27/25 10:00	50
o-Xylene	0.050	U	0.050	0.016	mg/Kg			05/27/25 10:00	50
Styrene	0.050	U	0.050	0.0085	mg/Kg			05/27/25 10:00	50
TBA	0.50	U	0.50	0.41	mg/Kg			05/27/25 10:00	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			05/27/25 10:00	50
Toluene	0.050	U	0.050	0.013	mg/Kg			05/27/25 10:00	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			05/27/25 10:00	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
Trichlorofluoromethane	0.050	U	0.050	0.016	mg/Kg			05/27/25 10:00	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			05/27/25 10:00	50

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/27/25 10:00*	*50*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 150*		*05/27/25 10:00*	*50*
4-Bromofluorobenzene	*112*		*70 - 150*		*05/27/25 10:00*	*50*
Dibromofluoromethane (Surr)	*102*		*68 - 150*		*05/27/25 10:00*	*50*
Toluene-d8 (Surr)	*104*		*64 - 157*		*05/27/25 10:00*	*50*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039663/3
Matrix: Solid
Analysis Batch: 1039663

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.00	0.941		mg/Kg		94	76 - 120
1,1,2,2-Tetrachloroethane	1.00	0.910		mg/Kg		91	72 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.01		mg/Kg		101	79 - 120
1,1,2-Trichloroethane	1.00	0.927		mg/Kg		93	80 - 120
1,1-Dichloroethane	1.00	0.903		mg/Kg		90	70 - 120
1,1-Dichloroethene	1.00	0.963		mg/Kg		96	69 - 120
1,2,3-Trichlorobenzene	1.00	1.25		mg/Kg		125	80 - 137
1,2,4-Trichlorobenzene	1.00	1.06		mg/Kg		106	80 - 134
1,2-Dibromo-3-Chloropropane	1.00	0.835		mg/Kg		84	68 - 134
1,2-Dichlorobenzene	1.00	1.01		mg/Kg		101	80 - 120
1,2-Dichloroethane	1.00	1.04		mg/Kg		104	72 - 124
1,2-Dichloropropane	1.00	0.921		mg/Kg		92	74 - 120
1,3-Dichlorobenzene	1.00	0.999		mg/Kg		100	80 - 120
1,4-Dichlorobenzene	1.00	0.975		mg/Kg		97	80 - 120
2-Butanone (MEK)	5.00	5.03		mg/Kg		101	64 - 121
2-Hexanone	5.00	5.33		mg/Kg		107	70 - 120
4-Methyl-2-pentanone (MIBK)	5.00	5.00		mg/Kg		100	64 - 127
Acetone	5.00	5.31		mg/Kg		106	52 - 127
Acrolein	2.00	1.85		mg/Kg		93	10 - 150
Acrylonitrile	10.0	9.92		mg/Kg		99	50 - 130
Benzene	1.00	0.865		mg/Kg		87	75 - 120
Bromoform	1.00	0.985		mg/Kg		99	68 - 122
Bromomethane	1.00	0.915		mg/Kg		92	16 - 125
Carbon disulfide	1.00	0.929		mg/Kg		93	59 - 127
Carbon tetrachloride	1.00	0.965		mg/Kg		97	77 - 120
Chlorobenzene	1.00	0.970		mg/Kg		97	80 - 120
Chlorobromomethane	1.00	1.08		mg/Kg		108	77 - 120
Chlorodibromomethane	1.00	0.988		mg/Kg		99	80 - 120
Chloroethane	1.00	1.01		mg/Kg		101	61 - 140
Chloroform	1.00	0.963		mg/Kg		96	73 - 120
Chloromethane	1.00	0.976		mg/Kg		98	42 - 136
cis-1,2-Dichloroethene	1.00	0.946		mg/Kg		95	73 - 120
cis-1,3-Dichloropropene	1.00	0.879		mg/Kg		88	79 - 120
Cyclohexane	1.00	1.14		mg/Kg		114	76 - 125
Dichlorobromomethane	1.00	0.927		mg/Kg		93	77 - 120
Dichlorodifluoromethane	1.00	0.969		mg/Kg		97	39 - 140
Ethylbenzene	1.00	0.953		mg/Kg		95	80 - 121
Ethylene Dibromide	1.00	0.998		mg/Kg		100	80 - 120
Isopropylbenzene	1.00	1.02		mg/Kg		102	74 - 125
Methyl acetate	2.00	1.94		mg/Kg		97	40 - 130
Methyl tert-butyl ether	1.00	0.944		mg/Kg		94	77 - 125
Methylcyclohexane	1.00	1.04		mg/Kg		104	75 - 127
Methylene Chloride	1.00	0.975		mg/Kg		97	73 - 120
m-Xylene & p-Xylene	1.00	0.991		mg/Kg		99	79 - 120
o-Xylene	1.00	1.01		mg/Kg		101	80 - 123
Styrene	1.00	1.02		mg/Kg		102	80 - 124
TBA	10.0	9.48		mg/Kg		95	75 - 120
Tetrachloroethene	1.00	0.939		mg/Kg		94	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039663/3
Matrix: Solid
Analysis Batch: 1039663

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toluene			1.00	0.950		mg/Kg		95	80 - 120		
trans-1,2-Dichloroethene			1.00	0.919		mg/Kg		92	70 - 120		
trans-1,3-Dichloropropene			1.00	0.909		mg/Kg		91	73 - 120		
Trichloroethene			1.00	0.949		mg/Kg		95	77 - 120		
Trichlorofluoromethane			1.00	1.09		mg/Kg		109	61 - 143		
Vinyl chloride			1.00	1.03		mg/Kg		103	50 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 150*
4-Bromofluorobenzene	*110*		*70 - 150*
Dibromofluoromethane (Surr)	*96*		*68 - 150*
Toluene-d8 (Surr)	*98*		*64 - 157*

Lab Sample ID: LCSD 460-1039663/4
Matrix: Solid
Analysis Batch: 1039663

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			1.00	0.971		mg/Kg		97	76 - 120	3	30
1,1,2,2-Tetrachloroethane			1.00	0.920		mg/Kg		92	72 - 120	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			1.00	1.12		mg/Kg		112	79 - 120	10	30
1,1,2-Trichloroethane			1.00	0.867		mg/Kg		87	80 - 120	7	30
1,1-Dichloroethane			1.00	0.968		mg/Kg		97	70 - 120	7	30
1,1-Dichloroethene			1.00	1.08		mg/Kg		108	69 - 120	11	30
1,2,3-Trichlorobenzene			1.00	1.39	*	mg/Kg		139	80 - 137	11	30
1,2,4-Trichlorobenzene			1.00	1.13		mg/Kg		113	80 - 134	6	30
1,2-Dibromo-3-Chloropropane			1.00	0.842		mg/Kg		84	68 - 134	1	30
1,2-Dichlorobenzene			1.00	0.985		mg/Kg		98	80 - 120	2	30
1,2-Dichloroethane			1.00	1.03		mg/Kg		103	72 - 124	1	30
1,2-Dichloropropane			1.00	0.949		mg/Kg		95	74 - 120	3	30
1,3-Dichlorobenzene			1.00	0.986		mg/Kg		99	80 - 120	1	30
1,4-Dichlorobenzene			1.00	0.974		mg/Kg		97	80 - 120	0	30
2-Butanone (MEK)			5.00	5.14		mg/Kg		103	64 - 121	2	30
2-Hexanone			5.00	5.23		mg/Kg		105	70 - 120	2	30
4-Methyl-2-pentanone (MIBK)			5.00	5.21		mg/Kg		104	64 - 127	4	30
Acetone			5.00	5.69		mg/Kg		114	52 - 127	7	30
Acrolein			2.00	2.29		mg/Kg		115	10 - 150	21	30
Acrylonitrile			10.0	9.10		mg/Kg		91	50 - 130	9	30
Benzene			1.00	0.897		mg/Kg		90	75 - 120	4	30
Bromoform			1.00	0.958		mg/Kg		96	68 - 122	3	30
Bromomethane			1.00	0.948		mg/Kg		95	16 - 125	4	30
Carbon disulfide			1.00	0.972		mg/Kg		97	59 - 127	5	30
Carbon tetrachloride			1.00	1.01		mg/Kg		101	77 - 120	4	30
Chlorobenzene			1.00	0.964		mg/Kg		96	80 - 120	1	30
Chlorobromomethane			1.00	1.03		mg/Kg		103	77 - 120	5	30
Chlorodibromomethane			1.00	0.947		mg/Kg		95	80 - 120	4	30
Chloroethane			1.00	0.940		mg/Kg		94	61 - 140	7	30
Chloroform			1.00	0.952		mg/Kg		95	73 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039663/4
Matrix: Solid
Analysis Batch: 1039663

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	1.00	0.925		mg/Kg		93	42 - 136	5	30
cis-1,2-Dichloroethene	1.00	0.974		mg/Kg		97	73 - 120	3	30
cis-1,3-Dichloropropene	1.00	0.862		mg/Kg		86	79 - 120	2	30
Cyclohexane	1.00	1.16		mg/Kg		116	76 - 125	2	30
Dichlorobromomethane	1.00	0.936		mg/Kg		94	77 - 120	1	30
Dichlorodifluoromethane	1.00	0.877		mg/Kg		88	39 - 140	10	30
Ethylbenzene	1.00	0.910		mg/Kg		91	80 - 121	5	30
Ethylene Dibromide	1.00	0.940		mg/Kg		94	80 - 120	6	30
Isopropylbenzene	1.00	1.06		mg/Kg		106	74 - 125	3	30
Methyl acetate	2.00	1.77		mg/Kg		89	40 - 130	9	30
Methyl tert-butyl ether	1.00	0.990		mg/Kg		99	77 - 125	5	30
Methylcyclohexane	1.00	1.13		mg/Kg		113	75 - 127	8	30
Methylene Chloride	1.00	0.991		mg/Kg		99	73 - 120	2	30
m-Xylene & p-Xylene	1.00	1.01		mg/Kg		101	79 - 120	2	30
o-Xylene	1.00	0.993		mg/Kg		99	80 - 123	2	30
Styrene	1.00	0.954		mg/Kg		95	80 - 124	6	30
TBA	10.0	9.93		mg/Kg		99	75 - 120	5	30
Tetrachloroethene	1.00	0.943		mg/Kg		94	78 - 120	0	30
Toluene	1.00	0.950		mg/Kg		95	80 - 120	0	30
trans-1,2-Dichloroethene	1.00	0.940		mg/Kg		94	70 - 120	2	30
trans-1,3-Dichloropropene	1.00	0.898		mg/Kg		90	73 - 120	1	30
Trichloroethene	1.00	0.928		mg/Kg		93	77 - 120	2	30
Trichlorofluoromethane	1.00	1.02		mg/Kg		102	61 - 143	6	30
Vinyl chloride	1.00	0.937		mg/Kg		94	50 - 131	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*60 - 150*
4-Bromofluorobenzene	*96*		*70 - 150*
Dibromofluoromethane (Surr)	*90*		*68 - 150*
Toluene-d8 (Surr)	*88*		*64 - 157*

Lab Sample ID: MB 460-1039694/8
Matrix: Solid
Analysis Batch: 1039694

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/27/25 12:20	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/27/25 12:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/27/25 12:20	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/27/25 12:20	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/27/25 12:20	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/27/25 12:20	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/27/25 12:20	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/27/25 12:20	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/27/25 12:20	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/27/25 12:20	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/27/25 12:20	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/27/25 12:20	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039694/8
Matrix: Solid
Analysis Batch: 1039694

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/27/25 12:20	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/27/25 12:20	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/27/25 12:20	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/27/25 12:20	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/27/25 12:20	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/27/25 12:20	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/27/25 12:20	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/27/25 12:20	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/27/25 12:20	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/27/25 12:20	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/27/25 12:20	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/27/25 12:20	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/27/25 12:20	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/27/25 12:20	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/27/25 12:20	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/27/25 12:20	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/27/25 12:20	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/27/25 12:20	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/27/25 12:20	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/27/25 12:20	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/27/25 12:20	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/27/25 12:20	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/27/25 12:20	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/27/25 12:20	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/27/25 12:20	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/27/25 12:20	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/27/25 12:20	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/27/25 12:20	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/27/25 12:20	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/27/25 12:20	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/27/25 12:20	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/27/25 12:20	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/27/25 12:20	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/27/25 12:20	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/27/25 12:20	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/27/25 12:20	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/27/25 12:20	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/27/25 12:20	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/27/25 12:20	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/27/25 12:20	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/27/25 12:20	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/27/25 12:20	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/27/25 12:20*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*		*05/27/25 12:20*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039694/8
Matrix: Solid
Analysis Batch: 1039694

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*114*		*71 - 128*		*05/27/25 12:20*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*		*05/27/25 12:20*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/27/25 12:20*	*1*

Lab Sample ID: LCS 460-1039694/2
Matrix: Solid
Analysis Batch: 1039694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0217		mg/Kg		109	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0202		mg/Kg		101	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0248	*	mg/Kg		124	75 - 121
1,1,2-Trichloroethane	0.0200	0.0189		mg/Kg		94	80 - 120
1,1-Dichloroethane	0.0200	0.0217		mg/Kg		109	72 - 120
1,1-Dichloroethene	0.0200	0.0221		mg/Kg		110	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0246		mg/Kg		123	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0264		mg/Kg		132	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0189		mg/Kg		94	80 - 124
1,2-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120
1,2-Dichloroethane	0.0200	0.0201		mg/Kg		101	70 - 123
1,2-Dichloropropane	0.0200	0.0223		mg/Kg		112	73 - 124
1,3-Dichlorobenzene	0.0200	0.0224		mg/Kg		112	80 - 120
1,4-Dichlorobenzene	0.0200	0.0226		mg/Kg		113	80 - 120
2-Butanone (MEK)	0.100	0.111		mg/Kg		111	64 - 128
2-Hexanone	0.100	0.105		mg/Kg		105	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120
Acetone	0.100	0.109		mg/Kg		109	58 - 122
Acrolein	0.300	0.276		mg/Kg		92	54 - 158
Acrylonitrile	0.200	0.201		mg/Kg		101	56 - 120
Benzene	0.0200	0.0212		mg/Kg		106	75 - 120
Bromoform	0.0200	0.0188		mg/Kg		94	61 - 125
Bromomethane	0.0200	0.0256		mg/Kg		128	37 - 150
Carbon disulfide	0.0200	0.0234		mg/Kg		117	57 - 133
Carbon tetrachloride	0.0200	0.0218		mg/Kg		109	66 - 127
Chlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120
Chlorobromomethane	0.0200	0.0209		mg/Kg		104	76 - 127
Chlorodibromomethane	0.0200	0.0182		mg/Kg		91	72 - 120
Chloroethane	0.0200	0.0240		mg/Kg		120	60 - 123
Chloroform	0.0200	0.0220		mg/Kg		110	79 - 126
Chloromethane	0.0200	0.0222		mg/Kg		111	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0218		mg/Kg		109	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0211		mg/Kg		106	75 - 120
Cyclohexane	0.0200	0.0236		mg/Kg		118	65 - 132
Dichlorobromomethane	0.0200	0.0198		mg/Kg		99	77 - 124
Dichlorodifluoromethane	0.0200	0.0238		mg/Kg		119	45 - 129
Ethylbenzene	0.0200	0.0209		mg/Kg		105	80 - 120
Ethylene Dibromide	0.0200	0.0199		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0209		mg/Kg		105	74 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039694/2
Matrix: Solid
Analysis Batch: 1039694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	0.0400	0.0433		mg/Kg		108	57 - 120
Methyl tert-butyl ether	0.0200	0.0208		mg/Kg		104	74 - 125
Methylcyclohexane	0.0200	0.0229		mg/Kg		114	66 - 125
Methylene Chloride	0.0200	0.0223		mg/Kg		111	78 - 120
m-Xylene & p-Xylene	0.0200	0.0208		mg/Kg		104	80 - 120
o-Xylene	0.0200	0.0208		mg/Kg		104	80 - 120
Styrene	0.0200	0.0208		mg/Kg		104	80 - 120
TBA	0.200	0.193		mg/Kg		96	79 - 120
Tetrachloroethene	0.0200	0.0223		mg/Kg		111	73 - 120
Toluene	0.0200	0.0200		mg/Kg		100	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0222		mg/Kg		111	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0196		mg/Kg		98	77 - 120
Trichloroethene	0.0200	0.0220		mg/Kg		110	80 - 120
Trichlorofluoromethane	0.0200	0.0220		mg/Kg		110	61 - 130
Vinyl chloride	0.0200	0.0230		mg/Kg		115	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*108*		*71 - 128*
Dibromofluoromethane (Surr)	*102*		*50 - 150*
Toluene-d8 (Surr)	*96*		*71 - 126*

Lab Sample ID: LCSD 460-1039694/3
Matrix: Solid
Analysis Batch: 1039694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0221		mg/Kg		110	78 - 120	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.0194		mg/Kg		97	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0248	*	mg/Kg		124	75 - 121	0	30
1,1,2-Trichloroethane	0.0200	0.0189		mg/Kg		95	80 - 120	0	30
1,1-Dichloroethane	0.0200	0.0218		mg/Kg		109	72 - 120	0	30
1,1-Dichloroethene	0.0200	0.0220		mg/Kg		110	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0200	0.0248		mg/Kg		124	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0249		mg/Kg		124	77 - 136	6	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0182		mg/Kg		91	80 - 124	4	30
1,2-Dichlorobenzene	0.0200	0.0205		mg/Kg		103	80 - 120	3	30
1,2-Dichloroethane	0.0200	0.0206		mg/Kg		103	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0222		mg/Kg		111	73 - 124	1	30
1,3-Dichlorobenzene	0.0200	0.0213		mg/Kg		107	80 - 120	5	30
1,4-Dichlorobenzene	0.0200	0.0215		mg/Kg		107	80 - 120	5	30
2-Butanone (MEK)	0.100	0.108		mg/Kg		108	64 - 128	2	30
2-Hexanone	0.100	0.105		mg/Kg		105	75 - 120	0	30
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120	0	30
Acetone	0.100	0.106		mg/Kg		106	58 - 122	2	30
Acrolein	0.300	0.272		mg/Kg		91	54 - 158	1	30
Acrylonitrile	0.200	0.203		mg/Kg		101	56 - 120	1	30
Benzene	0.0200	0.0208		mg/Kg		104	75 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039694/3
Matrix: Solid
Analysis Batch: 1039694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromoform	0.0200	0.0187		mg/Kg		93	61 - 125	1	30
Bromomethane	0.0200	0.0257		mg/Kg		128	37 - 150	0	30
Carbon disulfide	0.0200	0.0237		mg/Kg		119	57 - 133	1	30
Carbon tetrachloride	0.0200	0.0215		mg/Kg		108	66 - 127	1	30
Chlorobenzene	0.0200	0.0205		mg/Kg		103	80 - 120	0	30
Chlorobromomethane	0.0200	0.0218		mg/Kg		109	76 - 127	5	30
Chlorodibromomethane	0.0200	0.0192		mg/Kg		96	72 - 120	5	30
Chloroethane	0.0200	0.0247	*	mg/Kg		124	60 - 123	3	30
Chloroform	0.0200	0.0219		mg/Kg		109	79 - 126	1	30
Chloromethane	0.0200	0.0230		mg/Kg		115	46 - 122	4	30
cis-1,2-Dichloroethene	0.0200	0.0219		mg/Kg		110	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0206		mg/Kg		103	75 - 120	2	30
Cyclohexane	0.0200	0.0233		mg/Kg		117	65 - 132	1	30
Dichlorobromomethane	0.0200	0.0205		mg/Kg		102	77 - 124	3	30
Dichlorodifluoromethane	0.0200	0.0245		mg/Kg		122	45 - 129	3	30
Ethylbenzene	0.0200	0.0207		mg/Kg		104	80 - 120	1	30
Ethylene Dibromide	0.0200	0.0194		mg/Kg		97	79 - 120	3	30
Isopropylbenzene	0.0200	0.0203		mg/Kg		102	74 - 120	3	30
Methyl acetate	0.0400	0.0432		mg/Kg		108	57 - 120	0	30
Methyl tert-butyl ether	0.0200	0.0211		mg/Kg		105	74 - 125	2	30
Methylcyclohexane	0.0200	0.0232		mg/Kg		116	66 - 125	1	30
Methylene Chloride	0.0200	0.0223		mg/Kg		111	78 - 120	0	30
m-Xylene & p-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120	3	30
o-Xylene	0.0200	0.0203		mg/Kg		102	80 - 120	2	30
Styrene	0.0200	0.0201		mg/Kg		101	80 - 120	3	30
TBA	0.200	0.194		mg/Kg		97	79 - 120	0	30
Tetrachloroethene	0.0200	0.0222		mg/Kg		111	73 - 120	1	30
Toluene	0.0200	0.0198		mg/Kg		99	80 - 120	1	30
trans-1,2-Dichloroethene	0.0200	0.0232		mg/Kg		116	78 - 120	4	30
trans-1,3-Dichloropropene	0.0200	0.0192		mg/Kg		96	77 - 120	2	30
Trichloroethene	0.0200	0.0218		mg/Kg		109	80 - 120	1	30
Trichlorofluoromethane	0.0200	0.0229		mg/Kg		114	61 - 130	4	30
Vinyl chloride	0.0200	0.0240		mg/Kg		120	54 - 122	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*
4-Bromofluorobenzene	*104*		*71 - 128*
Dibromofluoromethane (Surr)	*106*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: MB 460-1039794/7
Matrix: Water
Analysis Batch: 1039794

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/27/25 19:42	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/27/25 19:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/27/25 19:42	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039794/7
Matrix: Water
Analysis Batch: 1039794

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/27/25 19:42	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/27/25 19:42	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/27/25 19:42	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/27/25 19:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/27/25 19:42	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/27/25 19:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/27/25 19:42	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/27/25 19:42	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/27/25 19:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/27/25 19:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/27/25 19:42	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/27/25 19:42	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/27/25 19:42	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/27/25 19:42	1
Acetone	5.0	U	5.0	4.4	ug/L			05/27/25 19:42	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/27/25 19:42	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/27/25 19:42	1
Benzene	0.45	U	0.45	0.070	ug/L			05/27/25 19:42	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/27/25 19:42	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/27/25 19:42	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/27/25 19:42	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/27/25 19:42	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/27/25 19:42	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/27/25 19:42	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/27/25 19:42	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/27/25 19:42	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/27/25 19:42	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/27/25 19:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/27/25 19:42	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/27/25 19:42	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/27/25 19:42	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/27/25 19:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/27/25 19:42	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/27/25 19:42	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/27/25 19:42	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/27/25 19:42	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/27/25 19:42	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/27/25 19:42	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/27/25 19:42	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/27/25 19:42	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/27/25 19:42	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/27/25 19:42	1
Styrene	1.0	U	1.0	0.42	ug/L			05/27/25 19:42	1
TBA	10	U	10	8.3	ug/L			05/27/25 19:42	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/27/25 19:42	1
Toluene	1.0	U	1.0	0.38	ug/L			05/27/25 19:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/27/25 19:42	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/27/25 19:42	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/27/25 19:42	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039794/7
Matrix: Water
Analysis Batch: 1039794

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/27/25 19:42	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/27/25 19:42	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/27/25 19:42*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*		*05/27/25 19:42*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*05/27/25 19:42*	*1*
Dibromofluoromethane (Surr)	*119*		*77 - 132*		*05/27/25 19:42*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/27/25 19:42*	*1*

Lab Sample ID: LCS 460-1039794/3
Matrix: Water
Analysis Batch: 1039794

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.5		ug/L		108	72 - 128
1,1,2,2-Tetrachloroethane	20.0	21.6		ug/L		108	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.8		ug/L		114	65 - 142
1,1,2-Trichloroethane	20.0	23.5		ug/L		118	74 - 125
1,1-Dichloroethane	20.0	23.6		ug/L		118	73 - 130
1,1-Dichloroethene	20.0	22.4		ug/L		112	68 - 133
1,2,3-Trichlorobenzene	20.0	21.8		ug/L		109	55 - 150
1,2,4-Trichlorobenzene	20.0	20.6		ug/L		103	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	21.4		ug/L		107	58 - 132
1,2-Dichlorobenzene	20.0	21.3		ug/L		106	80 - 120
1,2-Dichloroethane	20.0	20.4		ug/L		102	66 - 129
1,2-Dichloropropane	20.0	23.8		ug/L		119	72 - 128
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120
1,4-Dichlorobenzene	20.0	20.9		ug/L		104	80 - 120
2-Butanone (MEK)	100	109		ug/L		109	65 - 142
2-Hexanone	100	112		ug/L		112	72 - 134
4-Methyl-2-pentanone (MIBK)	100	113		ug/L		113	77 - 130
Acetone	100	105		ug/L		105	60 - 133
Acrolein	40.0	74.9	*	ug/L		187	18 - 150
Acrylonitrile	200	263		ug/L		131	57 - 146
Benzene	20.0	21.2		ug/L		106	71 - 126
Bromoform	20.0	22.9		ug/L		114	58 - 128
Bromomethane	20.0	17.6		ug/L		88	33 - 150
Carbon disulfide	20.0	23.2		ug/L		116	35 - 150
Carbon tetrachloride	20.0	21.3		ug/L		106	65 - 131
Chlorobenzene	20.0	20.9		ug/L		104	80 - 120
Chlorobromomethane	20.0	24.6		ug/L		123	71 - 134
Chlorodibromomethane	20.0	21.1		ug/L		106	73 - 121
Chloroethane	20.0	20.3		ug/L		102	54 - 150
Chloroform	20.0	22.7		ug/L		113	78 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039794/3
Matrix: Water
Analysis Batch: 1039794

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	20.0	18.1		ug/L		90	43 - 149
cis-1,2-Dichloroethene	20.0	22.6		ug/L		113	78 - 121
cis-1,3-Dichloropropene	20.0	20.7		ug/L		103	74 - 125
Cyclohexane	20.0	21.5		ug/L		107	64 - 142
Dichlorobromomethane	20.0	21.8		ug/L		109	76 - 121
Dichlorodifluoromethane	20.0	17.9		ug/L		90	38 - 144
Ethylbenzene	20.0	19.1		ug/L		95	78 - 120
Ethylene Dibromide	20.0	21.0		ug/L		105	79 - 126
Isopropylbenzene	20.0	19.4		ug/L		97	79 - 125
Methyl acetate	40.0	46.7		ug/L		117	50 - 147
Methyl tert-butyl ether	20.0	22.1		ug/L		111	72 - 131
Methylcyclohexane	20.0	20.2		ug/L		101	63 - 138
Methylene Chloride	20.0	24.3		ug/L		121	74 - 127
m-Xylene & p-Xylene	20.0	19.6		ug/L		98	78 - 120
o-Xylene	20.0	19.4		ug/L		97	78 - 120
Styrene	20.0	20.9		ug/L		104	82 - 127
TBA	200	225		ug/L		112	64 - 142
Tetrachloroethene	20.0	21.3		ug/L		106	70 - 127
Toluene	20.0	19.0		ug/L		95	78 - 120
trans-1,2-Dichloroethene	20.0	23.6		ug/L		118	70 - 126
trans-1,3-Dichloropropene	20.0	19.9		ug/L		99	71 - 127
Trichloroethene	20.0	22.3		ug/L		112	73 - 121
Trichlorofluoromethane	20.0	20.8		ug/L		104	62 - 134
Vinyl chloride	20.0	19.1		ug/L		95	55 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*
4-Bromofluorobenzene	*108*		*76 - 120*
Dibromofluoromethane (Surr)	*113*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-1039794/4
Matrix: Water
Analysis Batch: 1039794

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	19.6		ug/L		98	72 - 128	9	30
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/L		97	63 - 139	11	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.4		ug/L		107	65 - 142	6	30
1,1,2-Trichloroethane	20.0	21.0		ug/L		105	74 - 125	11	30
1,1-Dichloroethane	20.0	22.2		ug/L		111	73 - 130	6	30
1,1-Dichloroethene	20.0	20.2		ug/L		101	68 - 133	10	30
1,2,3-Trichlorobenzene	20.0	20.3		ug/L		101	55 - 150	7	30
1,2,4-Trichlorobenzene	20.0	19.2		ug/L		96	67 - 132	7	30
1,2-Dibromo-3-Chloropropane	20.0	20.3		ug/L		101	58 - 132	6	30
1,2-Dichlorobenzene	20.0	19.5		ug/L		98	80 - 120	9	30
1,2-Dichloroethane	20.0	18.2		ug/L		91	66 - 129	12	30
1,2-Dichloropropane	20.0	21.9		ug/L		110	72 - 128	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039794/4
Matrix: Water
Analysis Batch: 1039794

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3-Dichlorobenzene	20.0	18.9		ug/L		95	80 - 120	8	30
1,4-Dichlorobenzene	20.0	19.0		ug/L		95	80 - 120	9	30
2-Butanone (MEK)	100	95.8		ug/L		96	65 - 142	13	30
2-Hexanone	100	93.0		ug/L		93	72 - 134	18	30
4-Methyl-2-pentanone (MIBK)	100	98.9		ug/L		99	77 - 130	13	30
Acetone	100	95.5		ug/L		95	60 - 133	10	30
Acrolein	40.0	65.1	*	ug/L		163	18 - 150	14	30
Acrylonitrile	200	238		ug/L		119	57 - 146	10	30
Benzene	20.0	20.3		ug/L		102	71 - 126	4	30
Bromoform	20.0	20.5		ug/L		103	58 - 128	11	30
Bromomethane	20.0	16.0		ug/L		80	33 - 150	9	30
Carbon disulfide	20.0	21.3		ug/L		107	35 - 150	8	30
Carbon tetrachloride	20.0	19.4		ug/L		97	65 - 131	9	30
Chlorobenzene	20.0	19.1		ug/L		96	80 - 120	9	30
Chlorobromomethane	20.0	22.6		ug/L		113	71 - 134	9	30
Chlorodibromomethane	20.0	18.5		ug/L		93	73 - 121	13	30
Chloroethane	20.0	17.8		ug/L		89	54 - 150	13	30
Chloroform	20.0	20.7		ug/L		104	78 - 125	9	30
Chloromethane	20.0	16.1		ug/L		81	43 - 149	12	30
cis-1,2-Dichloroethene	20.0	21.1		ug/L		105	78 - 121	7	30
cis-1,3-Dichloropropene	20.0	18.4		ug/L		92	74 - 125	12	30
Cyclohexane	20.0	19.5		ug/L		98	64 - 142	9	30
Dichlorobromomethane	20.0	19.5		ug/L		97	76 - 121	11	30
Dichlorodifluoromethane	20.0	16.3		ug/L		82	38 - 144	9	30
Ethylbenzene	20.0	17.9		ug/L		89	78 - 120	6	30
Ethylene Dibromide	20.0	18.5		ug/L		92	79 - 126	13	30
Isopropylbenzene	20.0	18.5		ug/L		92	79 - 125	5	30
Methyl acetate	40.0	44.6		ug/L		111	50 - 147	5	30
Methyl tert-butyl ether	20.0	19.7		ug/L		99	72 - 131	11	30
Methylcyclohexane	20.0	18.6		ug/L		93	63 - 138	9	30
Methylene Chloride	20.0	22.0		ug/L		110	74 - 127	10	30
m-Xylene & p-Xylene	20.0	17.7		ug/L		89	78 - 120	10	30
o-Xylene	20.0	18.1		ug/L		90	78 - 120	7	30
Styrene	20.0	18.9		ug/L		95	82 - 127	10	30
TBA	200	216		ug/L		108	64 - 142	4	30
Tetrachloroethene	20.0	20.1		ug/L		101	70 - 127	6	30
Toluene	20.0	17.6		ug/L		88	78 - 120	8	30
trans-1,2-Dichloroethene	20.0	22.0		ug/L		110	70 - 126	7	30
trans-1,3-Dichloropropene	20.0	17.1		ug/L		86	71 - 127	15	30
Trichloroethene	20.0	19.8		ug/L		99	73 - 121	12	30
Trichlorofluoromethane	20.0	18.6		ug/L		93	62 - 134	11	30
Vinyl chloride	20.0	17.0		ug/L		85	55 - 144	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*114*		*77 - 132*
Toluene-d8 (Surr)	*105*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039833/9
Matrix: Solid
Analysis Batch: 1039833

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.050	U	0.050	0.014	mg/Kg			05/27/25 23:08	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			05/27/25 23:08	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.017	mg/Kg			05/27/25 23:08	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			05/27/25 23:08	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			05/27/25 23:08	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/27/25 23:08	50
1,2,3-Trichlorobenzene	0.050	U	0.050	0.018	mg/Kg			05/27/25 23:08	50
1,2,4-Trichlorobenzene	0.050	U	0.050	0.014	mg/Kg			05/27/25 23:08	50
1,2-Dibromo-3-Chloropropane	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
1,2-Dichlorobenzene	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			05/27/25 23:08	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			05/27/25 23:08	50
1,3-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/27/25 23:08	50
1,4-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/27/25 23:08	50
2-Butanone (MEK)	0.25	U	0.25	0.11	mg/Kg			05/27/25 23:08	50
2-Hexanone	0.25	U	0.25	0.057	mg/Kg			05/27/25 23:08	50
4-Methyl-2-pentanone (MIBK)	0.25	U	0.25	0.065	mg/Kg			05/27/25 23:08	50
Acetone	0.25	U	0.25	0.22	mg/Kg			05/27/25 23:08	50
Acrolein	0.25	U	0.25	0.12	mg/Kg			05/27/25 23:08	50
Acrylonitrile	0.50	U	0.50	0.091	mg/Kg			05/27/25 23:08	50
Benzene	0.050	U	0.050	0.010	mg/Kg			05/27/25 23:08	50
Bromoform	0.050	U	0.050	0.0090	mg/Kg			05/27/25 23:08	50
Bromomethane	0.050	U	0.050	0.028	mg/Kg			05/27/25 23:08	50
Carbon disulfide	0.050	U	0.050	0.034	mg/Kg			05/27/25 23:08	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			05/27/25 23:08	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			05/27/25 23:08	50
Chlorobromomethane	0.050	U	0.050	0.015	mg/Kg			05/27/25 23:08	50
Chlorodibromomethane	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			05/27/25 23:08	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			05/27/25 23:08	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/27/25 23:08	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
Cyclohexane	0.050	U	0.050	0.013	mg/Kg			05/27/25 23:08	50
Dichlorobromomethane	0.050	U	0.050	0.0075	mg/Kg			05/27/25 23:08	50
Dichlorodifluoromethane	0.050	U	0.050	0.016	mg/Kg			05/27/25 23:08	50
Ethylbenzene	0.050	U	0.050	0.015	mg/Kg			05/27/25 23:08	50
Ethylene Dibromide	0.050	U	0.050	0.0095	mg/Kg			05/27/25 23:08	50
Isopropylbenzene	0.050	U	0.050	0.016	mg/Kg			05/27/25 23:08	50
Methyl acetate	0.25	U	0.25	0.039	mg/Kg			05/27/25 23:08	50
Methyl tert-butyl ether	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
Methylcyclohexane	0.050	U	0.050	0.036	mg/Kg			05/27/25 23:08	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
m-Xylene & p-Xylene	0.050	U	0.050	0.014	mg/Kg			05/27/25 23:08	50
o-Xylene	0.050	U	0.050	0.016	mg/Kg			05/27/25 23:08	50
Styrene	0.050	U	0.050	0.0085	mg/Kg			05/27/25 23:08	50
TBA	0.50	U	0.50	0.41	mg/Kg			05/27/25 23:08	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			05/27/25 23:08	50

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039833/9
Matrix: Solid
Analysis Batch: 1039833

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.050	U	0.050	0.013	mg/Kg			05/27/25 23:08	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			05/27/25 23:08	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
Trichlorofluoromethane	0.050	U	0.050	0.016	mg/Kg			05/27/25 23:08	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			05/27/25 23:08	50

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/27/25 23:08*	*50*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 150*		*05/27/25 23:08*	*50*
4-Bromofluorobenzene	*112*		*70 - 150*		*05/27/25 23:08*	*50*
Dibromofluoromethane (Surr)	*95*		*68 - 150*		*05/27/25 23:08*	*50*
Toluene-d8 (Surr)	*101*		*64 - 157*		*05/27/25 23:08*	*50*

Lab Sample ID: LCS 460-1039833/4
Matrix: Solid
Analysis Batch: 1039833

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.00	0.844		mg/Kg		84	76 - 120
1,1,2,2-Tetrachloroethane	1.00	0.948		mg/Kg		95	72 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	0.915		mg/Kg		92	79 - 120
1,1,2-Trichloroethane	1.00	0.873		mg/Kg		87	80 - 120
1,1-Dichloroethane	1.00	0.840		mg/Kg		84	70 - 120
1,1-Dichloroethene	1.00	0.828		mg/Kg		83	69 - 120
1,2,3-Trichlorobenzene	1.00	1.26		mg/Kg		126	80 - 137
1,2,4-Trichlorobenzene	1.00	1.10		mg/Kg		110	80 - 134
1,2-Dibromo-3-Chloropropane	1.00	0.807		mg/Kg		81	68 - 134
1,2-Dichlorobenzene	1.00	0.956		mg/Kg		96	80 - 120
1,2-Dichloroethane	1.00	0.915		mg/Kg		91	72 - 124
1,2-Dichloropropane	1.00	0.892		mg/Kg		89	74 - 120
1,3-Dichlorobenzene	1.00	1.00		mg/Kg		100	80 - 120
1,4-Dichlorobenzene	1.00	0.956		mg/Kg		96	80 - 120
2-Butanone (MEK)	5.00	5.04		mg/Kg		101	64 - 121
2-Hexanone	5.00	5.27		mg/Kg		105	70 - 120
4-Methyl-2-pentanone (MIBK)	5.00	5.00		mg/Kg		100	64 - 127
Acetone	5.00	4.81		mg/Kg		96	52 - 127
Acrolein	2.00	2.11		mg/Kg		106	10 - 150
Acrylonitrile	10.0	8.83		mg/Kg		88	50 - 130
Benzene	1.00	0.798		mg/Kg		80	75 - 120
Bromoform	1.00	0.879		mg/Kg		88	68 - 122
Bromomethane	1.00	0.728		mg/Kg		73	16 - 125
Carbon disulfide	1.00	0.517	*	mg/Kg		52	59 - 127
Carbon tetrachloride	1.00	0.822		mg/Kg		82	77 - 120
Chlorobenzene	1.00	0.894		mg/Kg		89	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039833/4
Matrix: Solid
Analysis Batch: 1039833

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	1.00	0.887		mg/Kg		89	77 - 120
Chlorodibromomethane	1.00	0.959		mg/Kg		96	80 - 120
Chloroethane	1.00	0.853		mg/Kg		85	61 - 140
Chloroform	1.00	0.877		mg/Kg		88	73 - 120
Chloromethane	1.00	0.745		mg/Kg		74	42 - 136
cis-1,2-Dichloroethene	1.00	0.869		mg/Kg		87	73 - 120
cis-1,3-Dichloropropene	1.00	0.838		mg/Kg		84	79 - 120
Cyclohexane	1.00	0.813		mg/Kg		81	76 - 125
Dichlorobromomethane	1.00	0.832		mg/Kg		83	77 - 120
Dichlorodifluoromethane	1.00	0.633		mg/Kg		63	39 - 140
Ethylbenzene	1.00	0.913		mg/Kg		91	80 - 121
Ethylene Dibromide	1.00	0.871		mg/Kg		87	80 - 120
Isopropylbenzene	1.00	1.00		mg/Kg		100	74 - 125
Methyl acetate	2.00	1.69		mg/Kg		85	40 - 130
Methyl tert-butyl ether	1.00	0.944		mg/Kg		94	77 - 125
Methylcyclohexane	1.00	0.805		mg/Kg		80	75 - 127
Methylene Chloride	1.00	0.846		mg/Kg		85	73 - 120
m-Xylene & p-Xylene	1.00	0.916		mg/Kg		92	79 - 120
o-Xylene	1.00	0.950		mg/Kg		95	80 - 123
Styrene	1.00	0.972		mg/Kg		97	80 - 124
TBA	10.0	9.30		mg/Kg		93	75 - 120
Tetrachloroethene	1.00	0.873		mg/Kg		87	78 - 120
Toluene	1.00	0.887		mg/Kg		89	80 - 120
trans-1,2-Dichloroethene	1.00	0.787		mg/Kg		79	70 - 120
trans-1,3-Dichloropropene	1.00	0.916		mg/Kg		92	73 - 120
Trichloroethene	1.00	0.816		mg/Kg		82	77 - 120
Trichlorofluoromethane	1.00	0.839		mg/Kg		84	61 - 143
Vinyl chloride	1.00	0.812		mg/Kg		81	50 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*60 - 150*
4-Bromofluorobenzene	*114*		*70 - 150*
Dibromofluoromethane (Surr)	*98*		*68 - 150*
Toluene-d8 (Surr)	*102*		*64 - 157*

Lab Sample ID: LCSD 460-1039833/5
Matrix: Solid
Analysis Batch: 1039833

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.00	0.945		mg/Kg		95	76 - 120	11	30
1,1,2,2-Tetrachloroethane	1.00	0.886		mg/Kg		89	72 - 120	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.04		mg/Kg		104	79 - 120	13	30
1,1,2-Trichloroethane	1.00	0.860		mg/Kg		86	80 - 120	1	30
1,1-Dichloroethane	1.00	0.910		mg/Kg		91	70 - 120	8	30
1,1-Dichloroethene	1.00	0.965		mg/Kg		97	69 - 120	15	30
1,2,3-Trichlorobenzene	1.00	1.35		mg/Kg		135	80 - 137	7	30
1,2,4-Trichlorobenzene	1.00	1.16		mg/Kg		116	80 - 134	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039833/5
Matrix: Solid
Analysis Batch: 1039833

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	1.00	0.851		mg/Kg		85	68 - 134	5	30
1,2-Dichlorobenzene	1.00	0.997		mg/Kg		100	80 - 120	4	30
1,2-Dichloroethane	1.00	0.951		mg/Kg		95	72 - 124	4	30
1,2-Dichloropropane	1.00	0.904		mg/Kg		90	74 - 120	1	30
1,3-Dichlorobenzene	1.00	1.00		mg/Kg		100	80 - 120	0	30
1,4-Dichlorobenzene	1.00	0.973		mg/Kg		97	80 - 120	2	30
2-Butanone (MEK)	5.00	5.40		mg/Kg		108	64 - 121	7	30
2-Hexanone	5.00	5.37		mg/Kg		107	70 - 120	2	30
4-Methyl-2-pentanone (MIBK)	5.00	5.02		mg/Kg		100	64 - 127	0	30
Acetone	5.00	5.35		mg/Kg		107	52 - 127	11	30
Acrolein	2.00	2.17		mg/Kg		109	10 - 150	3	30
Acrylonitrile	10.0	9.18		mg/Kg		92	50 - 130	4	30
Benzene	1.00	0.864		mg/Kg		86	75 - 120	8	30
Bromoform	1.00	0.853		mg/Kg		85	68 - 122	3	30
Bromomethane	1.00	0.903		mg/Kg		90	16 - 125	22	30
Carbon disulfide	1.00	0.615		mg/Kg		62	59 - 127	17	30
Carbon tetrachloride	1.00	0.918		mg/Kg		92	77 - 120	11	30
Chlorobenzene	1.00	0.956		mg/Kg		96	80 - 120	7	30
Chlorobromomethane	1.00	0.924		mg/Kg		92	77 - 120	4	30
Chlorodibromomethane	1.00	0.936		mg/Kg		94	80 - 120	2	30
Chloroethane	1.00	0.911		mg/Kg		91	61 - 140	7	30
Chloroform	1.00	0.939		mg/Kg		94	73 - 120	7	30
Chloromethane	1.00	0.838		mg/Kg		84	42 - 136	12	30
cis-1,2-Dichloroethene	1.00	0.925		mg/Kg		92	73 - 120	6	30
cis-1,3-Dichloropropene	1.00	0.851		mg/Kg		85	79 - 120	1	30
Cyclohexane	1.00	0.926		mg/Kg		93	76 - 125	13	30
Dichlorobromomethane	1.00	0.913		mg/Kg		91	77 - 120	9	30
Dichlorodifluoromethane	1.00	0.793		mg/Kg		79	39 - 140	22	30
Ethylbenzene	1.00	0.912		mg/Kg		91	80 - 121	0	30
Ethylene Dibromide	1.00	0.921		mg/Kg		92	80 - 120	6	30
Isopropylbenzene	1.00	1.07		mg/Kg		107	74 - 125	7	30
Methyl acetate	2.00	1.64		mg/Kg		82	40 - 130	3	30
Methyl tert-butyl ether	1.00	0.944		mg/Kg		94	77 - 125	0	30
Methylcyclohexane	1.00	0.890		mg/Kg		89	75 - 127	10	30
Methylene Chloride	1.00	0.935		mg/Kg		93	73 - 120	10	30
m-Xylene & p-Xylene	1.00	0.989		mg/Kg		99	79 - 120	8	30
o-Xylene	1.00	1.01		mg/Kg		101	80 - 123	6	30
Styrene	1.00	0.998		mg/Kg		100	80 - 124	3	30
TBA	10.0	10.2		mg/Kg		102	75 - 120	10	30
Tetrachloroethene	1.00	0.957		mg/Kg		96	78 - 120	9	30
Toluene	1.00	0.933		mg/Kg		93	80 - 120	5	30
trans-1,2-Dichloroethene	1.00	0.850		mg/Kg		85	70 - 120	8	30
trans-1,3-Dichloropropene	1.00	0.885		mg/Kg		89	73 - 120	3	30
Trichloroethene	1.00	0.915		mg/Kg		92	77 - 120	11	30
Trichlorofluoromethane	1.00	0.983		mg/Kg		98	61 - 143	16	30
Vinyl chloride	1.00	0.925		mg/Kg		93	50 - 131	13	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039833/5
Matrix: Solid
Analysis Batch: 1039833

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*98*		*60 - 150*
4-Bromofluorobenzene	*115*		*70 - 150*
Dibromofluoromethane (Surr)	*99*		*68 - 150*
Toluene-d8 (Surr)	*104*		*64 - 157*

Lab Sample ID: MB 460-1039921/13
Matrix: Solid
Analysis Batch: 1039921

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.050	U	0.050	0.014	mg/Kg			05/28/25 13:55	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			05/28/25 13:55	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.017	mg/Kg			05/28/25 13:55	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			05/28/25 13:55	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			05/28/25 13:55	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/28/25 13:55	50
1,2,3-Trichlorobenzene	0.050	U	0.050	0.018	mg/Kg			05/28/25 13:55	50
1,2,4-Trichlorobenzene	0.050	U	0.050	0.014	mg/Kg			05/28/25 13:55	50
1,2-Dibromo-3-Chloropropane	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
1,2-Dichlorobenzene	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			05/28/25 13:55	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			05/28/25 13:55	50
1,3-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/28/25 13:55	50
1,4-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/28/25 13:55	50
2-Butanone (MEK)	0.25	U	0.25	0.11	mg/Kg			05/28/25 13:55	50
2-Hexanone	0.25	U	0.25	0.057	mg/Kg			05/28/25 13:55	50
4-Methyl-2-pentanone (MIBK)	0.25	U	0.25	0.065	mg/Kg			05/28/25 13:55	50
Acetone	0.25	U	0.25	0.22	mg/Kg			05/28/25 13:55	50
Acrolein	0.25	U	0.25	0.12	mg/Kg			05/28/25 13:55	50
Acrylonitrile	0.50	U	0.50	0.091	mg/Kg			05/28/25 13:55	50
Benzene	0.050	U	0.050	0.010	mg/Kg			05/28/25 13:55	50
Bromoform	0.050	U	0.050	0.0090	mg/Kg			05/28/25 13:55	50
Bromomethane	0.050	U	0.050	0.028	mg/Kg			05/28/25 13:55	50
Carbon disulfide	0.050	U	0.050	0.034	mg/Kg			05/28/25 13:55	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			05/28/25 13:55	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			05/28/25 13:55	50
Chlorobromomethane	0.050	U	0.050	0.015	mg/Kg			05/28/25 13:55	50
Chlorodibromomethane	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			05/28/25 13:55	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			05/28/25 13:55	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/28/25 13:55	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
Cyclohexane	0.050	U	0.050	0.013	mg/Kg			05/28/25 13:55	50
Dichlorobromomethane	0.050	U	0.050	0.0075	mg/Kg			05/28/25 13:55	50
Dichlorodifluoromethane	0.050	U	0.050	0.016	mg/Kg			05/28/25 13:55	50
Ethylbenzene	0.050	U	0.050	0.015	mg/Kg			05/28/25 13:55	50
Ethylene Dibromide	0.050	U	0.050	0.0095	mg/Kg			05/28/25 13:55	50

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1039921/13
Matrix: Solid
Analysis Batch: 1039921

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.050	U	0.050	0.016	mg/Kg			05/28/25 13:55	50
Methyl acetate	0.25	U	0.25	0.039	mg/Kg			05/28/25 13:55	50
Methyl tert-butyl ether	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
Methylcyclohexane	0.050	U	0.050	0.036	mg/Kg			05/28/25 13:55	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
m-Xylene & p-Xylene	0.050	U	0.050	0.014	mg/Kg			05/28/25 13:55	50
o-Xylene	0.050	U	0.050	0.016	mg/Kg			05/28/25 13:55	50
Styrene	0.050	U	0.050	0.0085	mg/Kg			05/28/25 13:55	50
TBA	0.50	U	0.50	0.41	mg/Kg			05/28/25 13:55	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			05/28/25 13:55	50
Toluene	0.050	U	0.050	0.013	mg/Kg			05/28/25 13:55	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			05/28/25 13:55	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
Trichlorofluoromethane	0.050	U	0.050	0.016	mg/Kg			05/28/25 13:55	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			05/28/25 13:55	50

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/28/25 13:55*	*50*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 150*		*05/28/25 13:55*	*50*
4-Bromofluorobenzene	*108*		*70 - 150*		*05/28/25 13:55*	*50*
Dibromofluoromethane (Surr)	*95*		*68 - 150*		*05/28/25 13:55*	*50*
Toluene-d8 (Surr)	*99*		*64 - 157*		*05/28/25 13:55*	*50*

Lab Sample ID: LCS 460-1039921/7
Matrix: Solid
Analysis Batch: 1039921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.00	0.874		mg/Kg		87	76 - 120
1,1,2,2-Tetrachloroethane	1.00	0.897		mg/Kg		90	72 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.07		mg/Kg		107	79 - 120
1,1,2-Trichloroethane	1.00	0.855		mg/Kg		85	80 - 120
1,1-Dichloroethane	1.00	0.849		mg/Kg		85	70 - 120
1,1-Dichloroethene	1.00	0.875		mg/Kg		88	69 - 120
1,2,3-Trichlorobenzene	1.00	1.28		mg/Kg		128	80 - 137
1,2,4-Trichlorobenzene	1.00	1.08		mg/Kg		108	80 - 134
1,2-Dibromo-3-Chloropropane	1.00	0.880		mg/Kg		88	68 - 134
1,2-Dichlorobenzene	1.00	0.927		mg/Kg		93	80 - 120
1,2-Dichloroethane	1.00	0.885		mg/Kg		89	72 - 124
1,2-Dichloropropane	1.00	0.831		mg/Kg		83	74 - 120
1,3-Dichlorobenzene	1.00	0.958		mg/Kg		96	80 - 120
1,4-Dichlorobenzene	1.00	0.919		mg/Kg		92	80 - 120
2-Butanone (MEK)	5.00	4.89		mg/Kg		98	64 - 121
2-Hexanone	5.00	4.88		mg/Kg		98	70 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1039921/7
Matrix: Solid
Analysis Batch: 1039921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	5.00	4.83		mg/Kg		97	64 - 127
Acetone	5.00	4.74		mg/Kg		95	52 - 127
Acrolein	2.00	2.48		mg/Kg		124	10 - 150
Acrylonitrile	10.0	9.08		mg/Kg		91	50 - 130
Benzene	1.00	0.829		mg/Kg		83	75 - 120
Bromoform	1.00	0.951		mg/Kg		95	68 - 122
Bromomethane	1.00	0.983		mg/Kg		98	16 - 125
Carbon disulfide	1.00	0.501	*	mg/Kg		50	59 - 127
Carbon tetrachloride	1.00	0.863		mg/Kg		86	77 - 120
Chlorobenzene	1.00	0.918		mg/Kg		92	80 - 120
Chlorobromomethane	1.00	0.865		mg/Kg		87	77 - 120
Chlorodibromomethane	1.00	0.959		mg/Kg		96	80 - 120
Chloroethane	1.00	1.07		mg/Kg		107	61 - 140
Chloroform	1.00	0.884		mg/Kg		88	73 - 120
Chloromethane	1.00	1.06		mg/Kg		106	42 - 136
cis-1,2-Dichloroethene	1.00	0.870		mg/Kg		87	73 - 120
cis-1,3-Dichloropropene	1.00	0.812		mg/Kg		81	79 - 120
Cyclohexane	1.00	0.856		mg/Kg		86	76 - 125
Dichlorobromomethane	1.00	0.836		mg/Kg		84	77 - 120
Dichlorodifluoromethane	1.00	0.999		mg/Kg		100	39 - 140
Ethylbenzene	1.00	0.900		mg/Kg		90	80 - 121
Ethylene Dibromide	1.00	0.857		mg/Kg		86	80 - 120
Isopropylbenzene	1.00	1.02		mg/Kg		102	74 - 125
Methyl acetate	2.00	1.69		mg/Kg		84	40 - 130
Methyl tert-butyl ether	1.00	0.916		mg/Kg		92	77 - 125
Methylcyclohexane	1.00	0.891		mg/Kg		89	75 - 127
Methylene Chloride	1.00	0.854		mg/Kg		85	73 - 120
m-Xylene & p-Xylene	1.00	0.948		mg/Kg		95	79 - 120
o-Xylene	1.00	0.936		mg/Kg		94	80 - 123
Styrene	1.00	0.946		mg/Kg		95	80 - 124
TBA	10.0	9.42		mg/Kg		94	75 - 120
Tetrachloroethene	1.00	0.907		mg/Kg		91	78 - 120
Toluene	1.00	0.898		mg/Kg		90	80 - 120
trans-1,2-Dichloroethene	1.00	0.783		mg/Kg		78	70 - 120
trans-1,3-Dichloropropene	1.00	0.886		mg/Kg		89	73 - 120
Trichloroethene	1.00	0.784		mg/Kg		78	77 - 120
Trichlorofluoromethane	1.00	1.06		mg/Kg		106	61 - 143
Vinyl chloride	1.00	1.03		mg/Kg		103	50 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 150*
4-Bromofluorobenzene	*114*		*70 - 150*
Dibromofluoromethane (Surr)	*98*		*68 - 150*
Toluene-d8 (Surr)	*105*		*64 - 157*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039921/9
Matrix: Solid
Analysis Batch: 1039921

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			1.00	0.871		mg/Kg		87	76 - 120	0	30
1,1,2,2-Tetrachloroethane			1.00	0.876		mg/Kg		88	72 - 120	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			1.00	1.11		mg/Kg		111	79 - 120	4	30
1,1,2-Trichloroethane			1.00	0.803		mg/Kg		80	80 - 120	6	30
1,1-Dichloroethane			1.00	0.820		mg/Kg		82	70 - 120	3	30
1,1-Dichloroethene			1.00	0.888		mg/Kg		89	69 - 120	1	30
1,2,3-Trichlorobenzene			1.00	1.00		mg/Kg		100	80 - 137	24	30
1,2,4-Trichlorobenzene			1.00	0.961		mg/Kg		96	80 - 134	12	30
1,2-Dibromo-3-Chloropropane			1.00	0.860		mg/Kg		86	68 - 134	2	30
1,2-Dichlorobenzene			1.00	0.921		mg/Kg		92	80 - 120	1	30
1,2-Dichloroethane			1.00	0.886		mg/Kg		89	72 - 124	0	30
1,2-Dichloropropane			1.00	0.843		mg/Kg		84	74 - 120	1	30
1,3-Dichlorobenzene			1.00	0.931		mg/Kg		93	80 - 120	3	30
1,4-Dichlorobenzene			1.00	0.919		mg/Kg		92	80 - 120	0	30
2-Butanone (MEK)			5.00	4.75		mg/Kg		95	64 - 121	3	30
2-Hexanone			5.00	4.80		mg/Kg		96	70 - 120	2	30
4-Methyl-2-pentanone (MIBK)			5.00	4.61		mg/Kg		92	64 - 127	5	30
Acetone			5.00	4.96		mg/Kg		99	52 - 127	5	30
Acrolein			2.00	2.57		mg/Kg		128	10 - 150	3	30
Acrylonitrile			10.0	8.73		mg/Kg		87	50 - 130	4	30
Benzene			1.00	0.797		mg/Kg		80	75 - 120	4	30
Bromoform			1.00	0.855		mg/Kg		85	68 - 122	11	30
Bromomethane			1.00	0.970		mg/Kg		97	16 - 125	1	30
Carbon disulfide			1.00	0.517	*	mg/Kg		52	59 - 127	3	30
Carbon tetrachloride			1.00	0.856		mg/Kg		86	77 - 120	1	30
Chlorobenzene			1.00	0.865		mg/Kg		87	80 - 120	6	30
Chlorobromomethane			1.00	0.857		mg/Kg		86	77 - 120	1	30
Chlorodibromomethane			1.00	0.889		mg/Kg		89	80 - 120	8	30
Chloroethane			1.00	1.09		mg/Kg		109	61 - 140	1	30
Chloroform			1.00	0.872		mg/Kg		87	73 - 120	1	30
Chloromethane			1.00	1.00		mg/Kg		100	42 - 136	5	30
cis-1,2-Dichloroethene			1.00	0.839		mg/Kg		84	73 - 120	4	30
cis-1,3-Dichloropropene			1.00	0.817		mg/Kg		82	79 - 120	1	30
Cyclohexane			1.00	0.849		mg/Kg		85	76 - 125	1	30
Dichlorobromomethane			1.00	0.831		mg/Kg		83	77 - 120	1	30
Dichlorodifluoromethane			1.00	0.993		mg/Kg		99	39 - 140	1	30
Ethylbenzene			1.00	0.851		mg/Kg		85	80 - 121	5	30
Ethylene Dibromide			1.00	0.838		mg/Kg		84	80 - 120	2	30
Isopropylbenzene			1.00	0.962		mg/Kg		96	74 - 125	6	30
Methyl acetate			2.00	1.64		mg/Kg		82	40 - 130	3	30
Methyl tert-butyl ether			1.00	0.853		mg/Kg		85	77 - 125	7	30
Methylcyclohexane			1.00	0.856		mg/Kg		86	75 - 127	4	30
Methylene Chloride			1.00	0.852		mg/Kg		85	73 - 120	0	30
m-Xylene & p-Xylene			1.00	0.877		mg/Kg		88	79 - 120	8	30
o-Xylene			1.00	0.882		mg/Kg		88	80 - 123	6	30
Styrene			1.00	0.874		mg/Kg		87	80 - 124	8	30
TBA			10.0	9.70		mg/Kg		97	75 - 120	3	30
Tetrachloroethene			1.00	0.861		mg/Kg		86	78 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1039921/9
Matrix: Solid
Analysis Batch: 1039921

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			1.00	0.841		mg/Kg		84	80 - 120	7	30
trans-1,2-Dichloroethene			1.00	0.729		mg/Kg		73	70 - 120	7	30
trans-1,3-Dichloropropene			1.00	0.830		mg/Kg		83	73 - 120	7	30
Trichloroethene			1.00	0.809		mg/Kg		81	77 - 120	3	30
Trichlorofluoromethane			1.00	1.11		mg/Kg		111	61 - 143	5	30
Vinyl chloride			1.00	1.08		mg/Kg		108	50 - 131	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*60 - 150*
4-Bromofluorobenzene	*120*		*70 - 150*
Dibromofluoromethane (Surr)	*107*		*68 - 150*
Toluene-d8 (Surr)	*114*		*64 - 157*

Lab Sample ID: MB 460-1040206/8
Matrix: Solid
Analysis Batch: 1040206

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/29/25 20:56	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/29/25 20:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/29/25 20:56	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/29/25 20:56	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/29/25 20:56	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/29/25 20:56	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/29/25 20:56	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/29/25 20:56	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/29/25 20:56	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/29/25 20:56	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/29/25 20:56	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/29/25 20:56	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/29/25 20:56	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/29/25 20:56	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/29/25 20:56	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/29/25 20:56	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/29/25 20:56	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/29/25 20:56	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/29/25 20:56	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/29/25 20:56	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/29/25 20:56	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/29/25 20:56	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/29/25 20:56	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/29/25 20:56	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/29/25 20:56	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/29/25 20:56	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/29/25 20:56	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/29/25 20:56	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/29/25 20:56	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/29/25 20:56	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1040206/8
Matrix: Solid
Analysis Batch: 1040206

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/29/25 20:56	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/29/25 20:56	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/29/25 20:56	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/29/25 20:56	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/29/25 20:56	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/29/25 20:56	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/29/25 20:56	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/29/25 20:56	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/29/25 20:56	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/29/25 20:56	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/29/25 20:56	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/29/25 20:56	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/29/25 20:56	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/29/25 20:56	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/29/25 20:56	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/29/25 20:56	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/29/25 20:56	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/29/25 20:56	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/29/25 20:56	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/29/25 20:56	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/29/25 20:56	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/29/25 20:56	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/29/25 20:56	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/29/25 20:56	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/29/25 20:56*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*		*05/29/25 20:56*	*1*
4-Bromofluorobenzene	*128*		*71 - 128*		*05/29/25 20:56*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*		*05/29/25 20:56*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*		*05/29/25 20:56*	*1*

Lab Sample ID: LCS 460-1040206/2
Matrix: Solid
Analysis Batch: 1040206

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0205		mg/Kg		103	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0174		mg/Kg		87	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0227		mg/Kg		113	75 - 121
1,1,2-Trichloroethane	0.0200	0.0181		mg/Kg		91	80 - 120
1,1-Dichloroethane	0.0200	0.0204		mg/Kg		102	72 - 120
1,1-Dichloroethene	0.0200	0.0208		mg/Kg		104	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0218		mg/Kg		109	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0213		mg/Kg		106	77 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1040206/2
Matrix: Solid
Analysis Batch: 1040206

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0163		mg/Kg		81	80 - 124
1,2-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
1,2-Dichloroethane	0.0200	0.0191		mg/Kg		95	70 - 123
1,2-Dichloropropane	0.0200	0.0193		mg/Kg		97	73 - 124
1,3-Dichlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120
1,4-Dichlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120
2-Butanone (MEK)	0.100	0.102		mg/Kg		102	64 - 128
2-Hexanone	0.100	0.0962		mg/Kg		96	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0980		mg/Kg		98	80 - 120
Acetone	0.100	0.102		mg/Kg		102	58 - 122
Acrolein	0.300	0.235		mg/Kg		78	54 - 158
Acrylonitrile	0.200	0.188		mg/Kg		94	56 - 120
Benzene	0.0200	0.0196		mg/Kg		98	75 - 120
Bromoform	0.0200	0.0183		mg/Kg		92	61 - 125
Bromomethane	0.0200	0.0216		mg/Kg		108	37 - 150
Carbon disulfide	0.0200	0.0216		mg/Kg		108	57 - 133
Carbon tetrachloride	0.0200	0.0209		mg/Kg		104	66 - 127
Chlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120
Chlorobromomethane	0.0200	0.0203		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0186		mg/Kg		93	72 - 120
Chloroethane	0.0200	0.0186		mg/Kg		93	60 - 123
Chloroform	0.0200	0.0207		mg/Kg		103	79 - 126
Chloromethane	0.0200	0.0168		mg/Kg		84	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0201		mg/Kg		100	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0187		mg/Kg		94	75 - 120
Cyclohexane	0.0200	0.0211		mg/Kg		105	65 - 132
Dichlorobromomethane	0.0200	0.0185		mg/Kg		93	77 - 124
Dichlorodifluoromethane	0.0200	0.0227		mg/Kg		113	45 - 129
Ethylbenzene	0.0200	0.0195		mg/Kg		97	80 - 120
Ethylene Dibromide	0.0200	0.0188		mg/Kg		94	79 - 120
Isopropylbenzene	0.0200	0.0189		mg/Kg		95	74 - 120
Methyl acetate	0.0400	0.0390		mg/Kg		97	57 - 120
Methyl tert-butyl ether	0.0200	0.0193		mg/Kg		97	74 - 125
Methylcyclohexane	0.0200	0.0210		mg/Kg		105	66 - 125
Methylene Chloride	0.0200	0.0201		mg/Kg		101	78 - 120
m-Xylene & p-Xylene	0.0200	0.0185		mg/Kg		92	80 - 120
o-Xylene	0.0200	0.0189		mg/Kg		95	80 - 120
Styrene	0.0200	0.0185		mg/Kg		92	80 - 120
TBA	0.200	0.176		mg/Kg		88	79 - 120
Tetrachloroethene	0.0200	0.0205		mg/Kg		103	73 - 120
Toluene	0.0200	0.0186		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0207		mg/Kg		103	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0176		mg/Kg		88	77 - 120
Trichloroethene	0.0200	0.0199		mg/Kg		99	80 - 120
Trichlorofluoromethane	0.0200	0.0220		mg/Kg		110	61 - 130
Vinyl chloride	0.0200	0.0179		mg/Kg		90	54 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1040206/2
Matrix: Solid
Analysis Batch: 1040206

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*
4-Bromofluorobenzene	*126*		*71 - 128*
Dibromofluoromethane (Surr)	*118*		*50 - 150*
Toluene-d8 (Surr)	*113*		*71 - 126*

Lab Sample ID: LCSD 460-1040206/4
Matrix: Solid
Analysis Batch: 1040206

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0216		mg/Kg		108	78 - 120	5	30
1,1,2,2-Tetrachloroethane			0.0200	0.0189		mg/Kg		95	70 - 133	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0239		mg/Kg		119	75 - 121	5	30
1,1,2-Trichloroethane			0.0200	0.0183		mg/Kg		92	80 - 120	1	30
1,1-Dichloroethane			0.0200	0.0214		mg/Kg		107	72 - 120	5	30
1,1-Dichloroethene			0.0200	0.0215		mg/Kg		108	76 - 120	3	30
1,2,3-Trichlorobenzene			0.0200	0.0216		mg/Kg		108	77 - 137	1	30
1,2,4-Trichlorobenzene			0.0200	0.0218		mg/Kg		109	77 - 136	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0185		mg/Kg		92	80 - 124	13	30
1,2-Dichlorobenzene			0.0200	0.0197		mg/Kg		98	80 - 120	4	30
1,2-Dichloroethane			0.0200	0.0201		mg/Kg		100	70 - 123	5	30
1,2-Dichloropropane			0.0200	0.0206		mg/Kg		103	73 - 124	6	30
1,3-Dichlorobenzene			0.0200	0.0207		mg/Kg		103	80 - 120	5	30
1,4-Dichlorobenzene			0.0200	0.0203		mg/Kg		101	80 - 120	0	30
2-Butanone (MEK)			0.100	0.107		mg/Kg		107	64 - 128	5	30
2-Hexanone			0.100	0.100		mg/Kg		100	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0972		mg/Kg		97	80 - 120	1	30
Acetone			0.100	0.102		mg/Kg		102	58 - 122	0	30
Acrolein			0.300	0.226		mg/Kg		75	54 - 158	4	30
Acrylonitrile			0.200	0.195		mg/Kg		97	56 - 120	4	30
Benzene			0.0200	0.0198		mg/Kg		99	75 - 120	1	30
Bromoform			0.0200	0.0191		mg/Kg		95	61 - 125	4	30
Bromomethane			0.0200	0.0229		mg/Kg		114	37 - 150	6	30
Carbon disulfide			0.0200	0.0230		mg/Kg		115	57 - 133	6	30
Carbon tetrachloride			0.0200	0.0219		mg/Kg		109	66 - 127	5	30
Chlorobenzene			0.0200	0.0197		mg/Kg		99	80 - 120	3	30
Chlorobromomethane			0.0200	0.0227		mg/Kg		113	76 - 127	11	30
Chlorodibromomethane			0.0200	0.0185		mg/Kg		92	72 - 120	0	30
Chloroethane			0.0200	0.0197		mg/Kg		98	60 - 123	6	30
Chloroform			0.0200	0.0213		mg/Kg		107	79 - 126	3	30
Chloromethane			0.0200	0.0184		mg/Kg		92	46 - 122	9	30
cis-1,2-Dichloroethene			0.0200	0.0209		mg/Kg		105	80 - 123	4	30
cis-1,3-Dichloropropene			0.0200	0.0189		mg/Kg		94	75 - 120	1	30
Cyclohexane			0.0200	0.0221		mg/Kg		111	65 - 132	5	30
Dichlorobromomethane			0.0200	0.0195		mg/Kg		97	77 - 124	5	30
Dichlorodifluoromethane			0.0200	0.0238		mg/Kg		119	45 - 129	5	30
Ethylbenzene			0.0200	0.0207		mg/Kg		103	80 - 120	6	30
Ethylene Dibromide			0.0200	0.0194		mg/Kg		97	79 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1040206/4
Matrix: Solid
Analysis Batch: 1040206

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene			0.0200	0.0195		mg/Kg		97	74 - 120	3	30
Methyl acetate			0.0400	0.0422		mg/Kg		105	57 - 120	8	30
Methyl tert-butyl ether			0.0200	0.0203		mg/Kg		102	74 - 125	5	30
Methylcyclohexane			0.0200	0.0217		mg/Kg		108	66 - 125	3	30
Methylene Chloride			0.0200	0.0220		mg/Kg		110	78 - 120	9	30
m-Xylene & p-Xylene			0.0200	0.0196		mg/Kg		98	80 - 120	6	30
o-Xylene			0.0200	0.0198		mg/Kg		99	80 - 120	4	30
Styrene			0.0200	0.0194		mg/Kg		97	80 - 120	5	30
TBA			0.200	0.182		mg/Kg		91	79 - 120	3	30
Tetrachloroethene			0.0200	0.0214		mg/Kg		107	73 - 120	4	30
Toluene			0.0200	0.0189		mg/Kg		95	80 - 120	2	30
trans-1,2-Dichloroethene			0.0200	0.0222		mg/Kg		111	78 - 120	7	30
trans-1,3-Dichloropropene			0.0200	0.0186		mg/Kg		93	77 - 120	6	30
Trichloroethene			0.0200	0.0210		mg/Kg		105	80 - 120	6	30
Trichlorofluoromethane			0.0200	0.0233		mg/Kg		116	61 - 130	5	30
Vinyl chloride			0.0200	0.0185		mg/Kg		93	54 - 122	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*
4-Bromofluorobenzene	*111*		*71 - 128*
Dibromofluoromethane (Surr)	*110*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: MB 460-1040395/9
Matrix: Solid
Analysis Batch: 1040395

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/30/25 07:59	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/30/25 07:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/30/25 07:59	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/30/25 07:59	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/30/25 07:59	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/30/25 07:59	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/30/25 07:59	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/30/25 07:59	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/30/25 07:59	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/30/25 07:59	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/30/25 07:59	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/30/25 07:59	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/30/25 07:59	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/30/25 07:59	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/30/25 07:59	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/30/25 07:59	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/30/25 07:59	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/30/25 07:59	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/30/25 07:59	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/30/25 07:59	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1040395/9
Matrix: Solid
Analysis Batch: 1040395

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/30/25 07:59	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/30/25 07:59	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/30/25 07:59	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/30/25 07:59	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/30/25 07:59	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/30/25 07:59	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/30/25 07:59	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/30/25 07:59	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/30/25 07:59	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/30/25 07:59	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/30/25 07:59	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/30/25 07:59	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/30/25 07:59	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/30/25 07:59	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/30/25 07:59	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/30/25 07:59	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/30/25 07:59	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/30/25 07:59	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/30/25 07:59	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/30/25 07:59	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/30/25 07:59	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/30/25 07:59	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/30/25 07:59	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/30/25 07:59	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/30/25 07:59	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/30/25 07:59	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/30/25 07:59	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/30/25 07:59	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/30/25 07:59	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/30/25 07:59	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/30/25 07:59	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/30/25 07:59	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/30/25 07:59	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/30/25 07:59	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/30/25 07:59*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*		*05/30/25 07:59*	*1*
4-Bromofluorobenzene	*123*		*71 - 128*		*05/30/25 07:59*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*		*05/30/25 07:59*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*		*05/30/25 07:59*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1040395/3
Matrix: Solid
Analysis Batch: 1040395

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0218		mg/Kg		109	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0198		mg/Kg		99	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0249	*	mg/Kg		125	75 - 121
1,1,2-Trichloroethane	0.0200	0.0190		mg/Kg		95	80 - 120
1,1-Dichloroethane	0.0200	0.0222		mg/Kg		111	72 - 120
1,1-Dichloroethene	0.0200	0.0232		mg/Kg		116	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0239		mg/Kg		120	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0251		mg/Kg		126	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0166		mg/Kg		83	80 - 124
1,2-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120
1,2-Dichloroethane	0.0200	0.0206		mg/Kg		103	70 - 123
1,2-Dichloropropane	0.0200	0.0222		mg/Kg		111	73 - 124
1,3-Dichlorobenzene	0.0200	0.0218		mg/Kg		109	80 - 120
1,4-Dichlorobenzene	0.0200	0.0225		mg/Kg		112	80 - 120
2-Butanone (MEK)	0.100	0.102		mg/Kg		102	64 - 128
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.102		mg/Kg		102	80 - 120
Acetone	0.100	0.108		mg/Kg		108	58 - 122
Acrolein	0.300	0.248		mg/Kg		83	54 - 158
Acrylonitrile	0.200	0.203		mg/Kg		101	56 - 120
Benzene	0.0200	0.0207		mg/Kg		103	75 - 120
Bromoform	0.0200	0.0195		mg/Kg		97	61 - 125
Bromomethane	0.0200	0.0234		mg/Kg		117	37 - 150
Carbon disulfide	0.0200	0.0241		mg/Kg		121	57 - 133
Carbon tetrachloride	0.0200	0.0226		mg/Kg		113	66 - 127
Chlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0214		mg/Kg		107	76 - 127
Chlorodibromomethane	0.0200	0.0191		mg/Kg		95	72 - 120
Chloroethane	0.0200	0.0210		mg/Kg		105	60 - 123
Chloroform	0.0200	0.0223		mg/Kg		112	79 - 126
Chloromethane	0.0200	0.0201		mg/Kg		101	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0226		mg/Kg		113	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0206		mg/Kg		103	75 - 120
Cyclohexane	0.0200	0.0237		mg/Kg		118	65 - 132
Dichlorobromomethane	0.0200	0.0205		mg/Kg		103	77 - 124
Dichlorodifluoromethane	0.0200	0.0253		mg/Kg		127	45 - 129
Ethylbenzene	0.0200	0.0203		mg/Kg		101	80 - 120
Ethylene Dibromide	0.0200	0.0197		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0199		mg/Kg		100	74 - 120
Methyl acetate	0.0400	0.0453		mg/Kg		113	57 - 120
Methyl tert-butyl ether	0.0200	0.0210		mg/Kg		105	74 - 125
Methylcyclohexane	0.0200	0.0234		mg/Kg		117	66 - 125
Methylene Chloride	0.0200	0.0221		mg/Kg		111	78 - 120
m-Xylene & p-Xylene	0.0200	0.0199		mg/Kg		100	80 - 120
o-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120
Styrene	0.0200	0.0199		mg/Kg		99	80 - 120
TBA	0.200	0.192		mg/Kg		96	79 - 120
Tetrachloroethene	0.0200	0.0223		mg/Kg		112	73 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1040395/3
Matrix: Solid
Analysis Batch: 1040395

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toluene			0.0200	0.0199		mg/Kg		99	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0227		mg/Kg		113	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0194		mg/Kg		97	77 - 120		
Trichloroethene			0.0200	0.0226		mg/Kg		113	80 - 120		
Trichlorofluoromethane			0.0200	0.0247		mg/Kg		123	61 - 130		
Vinyl chloride			0.0200	0.0203		mg/Kg		101	54 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*
4-Bromofluorobenzene	*114*		*71 - 128*
Dibromofluoromethane (Surr)	*115*		*50 - 150*
Toluene-d8 (Surr)	*103*		*71 - 126*

Lab Sample ID: LCSD 460-1040395/4
Matrix: Solid
Analysis Batch: 1040395

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0211		mg/Kg		106	78 - 120	3	30
1,1,2,2-Tetrachloroethane			0.0200	0.0199		mg/Kg		99	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0240		mg/Kg		120	75 - 121	4	30
1,1,2-Trichloroethane			0.0200	0.0194		mg/Kg		97	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0215		mg/Kg		107	72 - 120	3	30
1,1-Dichloroethene			0.0200	0.0219		mg/Kg		109	76 - 120	6	30
1,2,3-Trichlorobenzene			0.0200	0.0235		mg/Kg		117	77 - 137	2	30
1,2,4-Trichlorobenzene			0.0200	0.0252		mg/Kg		126	77 - 136	0	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0177		mg/Kg		88	80 - 124	6	30
1,2-Dichlorobenzene			0.0200	0.0207		mg/Kg		104	80 - 120	1	30
1,2-Dichloroethane			0.0200	0.0203		mg/Kg		102	70 - 123	1	30
1,2-Dichloropropane			0.0200	0.0215		mg/Kg		107	73 - 124	3	30
1,3-Dichlorobenzene			0.0200	0.0216		mg/Kg		108	80 - 120	1	30
1,4-Dichlorobenzene			0.0200	0.0212		mg/Kg		106	80 - 120	6	30
2-Butanone (MEK)			0.100	0.105		mg/Kg		105	64 - 128	3	30
2-Hexanone			0.100	0.102		mg/Kg		102	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)			0.100	0.101		mg/Kg		101	80 - 120	1	30
Acetone			0.100	0.108		mg/Kg		108	58 - 122	1	30
Acrolein			0.300	0.242		mg/Kg		81	54 - 158	2	30
Acrylonitrile			0.200	0.192		mg/Kg		96	56 - 120	5	30
Benzene			0.0200	0.0202		mg/Kg		101	75 - 120	2	30
Bromoform			0.0200	0.0186		mg/Kg		93	61 - 125	5	30
Bromomethane			0.0200	0.0223		mg/Kg		112	37 - 150	5	30
Carbon disulfide			0.0200	0.0227		mg/Kg		114	57 - 133	6	30
Carbon tetrachloride			0.0200	0.0214		mg/Kg		107	66 - 127	5	30
Chlorobenzene			0.0200	0.0202		mg/Kg		101	80 - 120	1	30
Chlorobromomethane			0.0200	0.0212		mg/Kg		106	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0187		mg/Kg		94	72 - 120	2	30
Chloroethane			0.0200	0.0204		mg/Kg		102	60 - 123	3	30
Chloroform			0.0200	0.0214		mg/Kg		107	79 - 126	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1040395/4
Matrix: Solid
Analysis Batch: 1040395

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			0.0200	0.0191		mg/Kg		96	46 - 122	5	30
cis-1,2-Dichloroethene			0.0200	0.0217		mg/Kg		108	80 - 123	4	30
cis-1,3-Dichloropropene			0.0200	0.0202		mg/Kg		101	75 - 120	2	30
Cyclohexane			0.0200	0.0226		mg/Kg		113	65 - 132	5	30
Dichlorobromomethane			0.0200	0.0201		mg/Kg		100	77 - 124	2	30
Dichlorodifluoromethane			0.0200	0.0241		mg/Kg		121	45 - 129	5	30
Ethylbenzene			0.0200	0.0201		mg/Kg		100	80 - 120	1	30
Ethylene Dibromide			0.0200	0.0192		mg/Kg		96	79 - 120	3	30
Isopropylbenzene			0.0200	0.0199		mg/Kg		100	74 - 120	0	30
Methyl acetate			0.0400	0.0416		mg/Kg		104	57 - 120	9	30
Methyl tert-butyl ether			0.0200	0.0201		mg/Kg		100	74 - 125	5	30
Methylcyclohexane			0.0200	0.0222		mg/Kg		111	66 - 125	5	30
Methylene Chloride			0.0200	0.0220		mg/Kg		110	78 - 120	1	30
m-Xylene & p-Xylene			0.0200	0.0193		mg/Kg		97	80 - 120	3	30
o-Xylene			0.0200	0.0200		mg/Kg		100	80 - 120	1	30
Styrene			0.0200	0.0199		mg/Kg		99	80 - 120	0	30
TBA			0.200	0.184		mg/Kg		92	79 - 120	4	30
Tetrachloroethene			0.0200	0.0221		mg/Kg		111	73 - 120	1	30
Toluene			0.0200	0.0199		mg/Kg		100	80 - 120	0	30
trans-1,2-Dichloroethene			0.0200	0.0218		mg/Kg		109	78 - 120	4	30
trans-1,3-Dichloropropene			0.0200	0.0195		mg/Kg		97	77 - 120	1	30
Trichloroethene			0.0200	0.0208		mg/Kg		104	80 - 120	8	30
Trichlorofluoromethane			0.0200	0.0231		mg/Kg		116	61 - 130	7	30
Vinyl chloride			0.0200	0.0196		mg/Kg		98	54 - 122	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*
4-Bromofluorobenzene	*120*		*71 - 128*
Dibromofluoromethane (Surr)	*110*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: MB 460-1040662/7
Matrix: Solid
Analysis Batch: 1040662

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/31/25 06:40	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/31/25 06:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/31/25 06:40	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/31/25 06:40	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/31/25 06:40	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/31/25 06:40	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/31/25 06:40	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/31/25 06:40	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/31/25 06:40	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/31/25 06:40	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/31/25 06:40	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/31/25 06:40	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1040662/7
Matrix: Solid
Analysis Batch: 1040662

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/31/25 06:40	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/31/25 06:40	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/31/25 06:40	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/31/25 06:40	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/31/25 06:40	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/31/25 06:40	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/31/25 06:40	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/31/25 06:40	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/31/25 06:40	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/31/25 06:40	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/31/25 06:40	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/31/25 06:40	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/31/25 06:40	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/31/25 06:40	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/31/25 06:40	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/31/25 06:40	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/31/25 06:40	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/31/25 06:40	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/31/25 06:40	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/31/25 06:40	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/31/25 06:40	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/31/25 06:40	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/31/25 06:40	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/31/25 06:40	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/31/25 06:40	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/31/25 06:40	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/31/25 06:40	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/31/25 06:40	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/31/25 06:40	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/31/25 06:40	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/31/25 06:40	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/31/25 06:40	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/31/25 06:40	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/31/25 06:40	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/31/25 06:40	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/31/25 06:40	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/31/25 06:40	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/31/25 06:40	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/31/25 06:40	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/31/25 06:40	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/31/25 06:40	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/31/25 06:40	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/31/25 06:40*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*		*05/31/25 06:40*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1040662/7
Matrix: Solid
Analysis Batch: 1040662

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*86*		*71 - 128*		*05/31/25 06:40*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*		*05/31/25 06:40*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*05/31/25 06:40*	*1*

Lab Sample ID: LCS 460-1040662/3
Matrix: Solid
Analysis Batch: 1040662

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0193		mg/Kg		96	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0194		mg/Kg		97	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0224		mg/Kg		112	75 - 121
1,1,2-Trichloroethane	0.0200	0.0195		mg/Kg		98	80 - 120
1,1-Dichloroethane	0.0200	0.0212		mg/Kg		106	72 - 120
1,1-Dichloroethene	0.0200	0.0210		mg/Kg		105	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0181		mg/Kg		91	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0179		mg/Kg		89	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0185		mg/Kg		93	80 - 124
1,2-Dichlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
1,2-Dichloroethane	0.0200	0.0194		mg/Kg		97	70 - 123
1,2-Dichloropropane	0.0200	0.0215		mg/Kg		108	73 - 124
1,3-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120
1,4-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
2-Butanone (MEK)	0.100	0.0765		mg/Kg		76	64 - 128
2-Hexanone	0.100	0.0906		mg/Kg		91	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0946		mg/Kg		95	80 - 120
Acetone	0.100	0.107		mg/Kg		107	58 - 122
Acrolein	0.300	0.247		mg/Kg		82	54 - 158
Acrylonitrile	0.200	0.238		mg/Kg		119	56 - 120
Benzene	0.0200	0.0206		mg/Kg		103	75 - 120
Bromoform	0.0200	0.0219		mg/Kg		109	61 - 125
Bromomethane	0.0200	0.0192		mg/Kg		96	37 - 150
Carbon disulfide	0.0200	0.0229		mg/Kg		115	57 - 133
Carbon tetrachloride	0.0200	0.0202		mg/Kg		101	66 - 127
Chlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120
Chlorobromomethane	0.0200	0.0205		mg/Kg		103	76 - 127
Chlorodibromomethane	0.0200	0.0205		mg/Kg		102	72 - 120
Chloroethane	0.0200	0.0176		mg/Kg		88	60 - 123
Chloroform	0.0200	0.0199		mg/Kg		100	79 - 126
Chloromethane	0.0200	0.0207		mg/Kg		103	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0198		mg/Kg		99	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0190		mg/Kg		95	75 - 120
Cyclohexane	0.0200	0.0211		mg/Kg		105	65 - 132
Dichlorobromomethane	0.0200	0.0197		mg/Kg		98	77 - 124
Dichlorodifluoromethane	0.0200	0.0190		mg/Kg		95	45 - 129
Ethylbenzene	0.0200	0.0195		mg/Kg		98	80 - 120
Ethylene Dibromide	0.0200	0.0191		mg/Kg		95	79 - 120
Isopropylbenzene	0.0200	0.0198		mg/Kg		99	74 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1040662/3
Matrix: Solid
Analysis Batch: 1040662

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	0.0400	0.0491	*	mg/Kg		123	57 - 120
Methyl tert-butyl ether	0.0200	0.0187		mg/Kg		93	74 - 125
Methylcyclohexane	0.0200	0.0216		mg/Kg		108	66 - 125
Methylene Chloride	0.0200	0.0207		mg/Kg		103	78 - 120
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120
o-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120
Styrene	0.0200	0.0181		mg/Kg		91	80 - 120
TBA	0.200	0.185		mg/Kg		92	79 - 120
Tetrachloroethene	0.0200	0.0214		mg/Kg		107	73 - 120
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0214		mg/Kg		107	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0178		mg/Kg		89	77 - 120
Trichloroethene	0.0200	0.0184		mg/Kg		92	80 - 120
Trichlorofluoromethane	0.0200	0.0180		mg/Kg		90	61 - 130
Vinyl chloride	0.0200	0.0201		mg/Kg		100	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*
4-Bromofluorobenzene	*80*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*96*		*71 - 126*

Lab Sample ID: LCSD 460-1040662/4
Matrix: Solid
Analysis Batch: 1040662

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0195		mg/Kg		98	78 - 120	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.0197		mg/Kg		99	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0225		mg/Kg		112	75 - 121	0	30
1,1,2-Trichloroethane	0.0200	0.0205		mg/Kg		102	80 - 120	5	30
1,1-Dichloroethane	0.0200	0.0224		mg/Kg		112	72 - 120	6	30
1,1-Dichloroethene	0.0200	0.0212		mg/Kg		106	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0200	0.0193		mg/Kg		97	77 - 137	7	30
1,2,4-Trichlorobenzene	0.0200	0.0192		mg/Kg		96	77 - 136	7	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0187		mg/Kg		94	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	5	30
1,2-Dichloroethane	0.0200	0.0199		mg/Kg		100	70 - 123	3	30
1,2-Dichloropropane	0.0200	0.0222		mg/Kg		111	73 - 124	3	30
1,3-Dichlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120	5	30
1,4-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120	4	30
2-Butanone (MEK)	0.100	0.0833		mg/Kg		83	64 - 128	8	30
2-Hexanone	0.100	0.0957		mg/Kg		96	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0983		mg/Kg		98	80 - 120	4	30
Acetone	0.100	0.108		mg/Kg		108	58 - 122	0	30
Acrolein	0.300	0.242		mg/Kg		81	54 - 158	2	30
Acrylonitrile	0.200	0.248	*	mg/Kg		124	56 - 120	4	30
Benzene	0.0200	0.0215		mg/Kg		108	75 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1040662/4
Matrix: Solid
Analysis Batch: 1040662

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromoform	0.0200	0.0228		mg/Kg		114	61 - 125	4	30
Bromomethane	0.0200	0.0192		mg/Kg		96	37 - 150	0	30
Carbon disulfide	0.0200	0.0230		mg/Kg		115	57 - 133	0	30
Carbon tetrachloride	0.0200	0.0205		mg/Kg		102	66 - 127	1	30
Chlorobenzene	0.0200	0.0205		mg/Kg		103	80 - 120	3	30
Chlorobromomethane	0.0200	0.0207		mg/Kg		103	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0211		mg/Kg		106	72 - 120	3	30
Chloroethane	0.0200	0.0177		mg/Kg		88	60 - 123	0	30
Chloroform	0.0200	0.0207		mg/Kg		104	79 - 126	4	30
Chloromethane	0.0200	0.0203		mg/Kg		101	46 - 122	2	30
cis-1,2-Dichloroethene	0.0200	0.0209		mg/Kg		104	80 - 123	5	30
cis-1,3-Dichloropropene	0.0200	0.0199		mg/Kg		99	75 - 120	4	30
Cyclohexane	0.0200	0.0217		mg/Kg		109	65 - 132	3	30
Dichlorobromomethane	0.0200	0.0205		mg/Kg		102	77 - 124	4	30
Dichlorodifluoromethane	0.0200	0.0186		mg/Kg		93	45 - 129	2	30
Ethylbenzene	0.0200	0.0200		mg/Kg		100	80 - 120	2	30
Ethylene Dibromide	0.0200	0.0197		mg/Kg		98	79 - 120	3	30
Isopropylbenzene	0.0200	0.0198		mg/Kg		99	74 - 120	0	30
Methyl acetate	0.0400	0.0494	*	mg/Kg		124	57 - 120	1	30
Methyl tert-butyl ether	0.0200	0.0192		mg/Kg		96	74 - 125	3	30
Methylcyclohexane	0.0200	0.0221		mg/Kg		111	66 - 125	2	30
Methylene Chloride	0.0200	0.0214		mg/Kg		107	78 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	3	30
o-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120	1	30
Styrene	0.0200	0.0188		mg/Kg		94	80 - 120	4	30
TBA	0.200	0.187		mg/Kg		94	79 - 120	1	30
Tetrachloroethene	0.0200	0.0223		mg/Kg		112	73 - 120	4	30
Toluene	0.0200	0.0200		mg/Kg		100	80 - 120	3	30
trans-1,2-Dichloroethene	0.0200	0.0219		mg/Kg		109	78 - 120	2	30
trans-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	77 - 120	6	30
Trichloroethene	0.0200	0.0193		mg/Kg		97	80 - 120	5	30
Trichlorofluoromethane	0.0200	0.0176		mg/Kg		88	61 - 130	2	30
Vinyl chloride	0.0200	0.0194		mg/Kg		97	54 - 122	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*87*		*71 - 128*
Dibromofluoromethane (Surr)	*108*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: MB 460-1040663/9
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/31/25 09:03	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/31/25 09:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/31/25 09:03	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1040663/9
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/31/25 09:03	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/31/25 09:03	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/31/25 09:03	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/31/25 09:03	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/31/25 09:03	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/31/25 09:03	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/31/25 09:03	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/31/25 09:03	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/31/25 09:03	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/31/25 09:03	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/31/25 09:03	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/31/25 09:03	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/31/25 09:03	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/31/25 09:03	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/31/25 09:03	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/31/25 09:03	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/31/25 09:03	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/31/25 09:03	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/31/25 09:03	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/31/25 09:03	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/31/25 09:03	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/31/25 09:03	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/31/25 09:03	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/31/25 09:03	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/31/25 09:03	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/31/25 09:03	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/31/25 09:03	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/31/25 09:03	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/31/25 09:03	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/31/25 09:03	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/31/25 09:03	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/31/25 09:03	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/31/25 09:03	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/31/25 09:03	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/31/25 09:03	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/31/25 09:03	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/31/25 09:03	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/31/25 09:03	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/31/25 09:03	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/31/25 09:03	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/31/25 09:03	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/31/25 09:03	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/31/25 09:03	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/31/25 09:03	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/31/25 09:03	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/31/25 09:03	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/31/25 09:03	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/31/25 09:03	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/31/25 09:03	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1040663/9
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/31/25 09:03	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/31/25 09:03	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/31/25 09:03*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*		*05/31/25 09:03*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*		*05/31/25 09:03*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*		*05/31/25 09:03*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*		*05/31/25 09:03*	*1*

Lab Sample ID: LCS 460-1040663/3
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0224		mg/Kg		112	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0202		mg/Kg		101	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0264	*	mg/Kg		132	75 - 121
1,1,2-Trichloroethane	0.0200	0.0205		mg/Kg		102	80 - 120
1,1-Dichloroethane	0.0200	0.0245	*	mg/Kg		122	72 - 120
1,1-Dichloroethene	0.0200	0.0237		mg/Kg		118	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0239		mg/Kg		119	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0252		mg/Kg		126	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0180		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0209		mg/Kg		105	80 - 120
1,2-Dichloroethane	0.0200	0.0221		mg/Kg		111	70 - 123
1,2-Dichloropropane	0.0200	0.0239		mg/Kg		120	73 - 124
1,3-Dichlorobenzene	0.0200	0.0221		mg/Kg		110	80 - 120
1,4-Dichlorobenzene	0.0200	0.0228		mg/Kg		114	80 - 120
2-Butanone (MEK)	0.100	0.0975		mg/Kg		98	64 - 128
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 120
Acetone	0.100	0.114		mg/Kg		114	58 - 122
Acrolein	0.300	0.274		mg/Kg		91	54 - 158
Acrylonitrile	0.200	0.227		mg/Kg		113	56 - 120
Benzene	0.0200	0.0223		mg/Kg		112	75 - 120
Bromoform	0.0200	0.0190		mg/Kg		95	61 - 125
Bromomethane	0.0200	0.0209		mg/Kg		105	37 - 150
Carbon disulfide	0.0200	0.0263		mg/Kg		132	57 - 133
Carbon tetrachloride	0.0200	0.0231		mg/Kg		116	66 - 127
Chlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120
Chlorobromomethane	0.0200	0.0214		mg/Kg		107	76 - 127
Chlorodibromomethane	0.0200	0.0192		mg/Kg		96	72 - 120
Chloroethane	0.0200	0.0201		mg/Kg		101	60 - 123
Chloroform	0.0200	0.0224		mg/Kg		112	79 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1040663/3
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	0.0200	0.0201		mg/Kg		100	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0224		mg/Kg		112	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0216		mg/Kg		108	75 - 120
Cyclohexane	0.0200	0.0251		mg/Kg		125	65 - 132
Dichlorobromomethane	0.0200	0.0209		mg/Kg		104	77 - 124
Dichlorodifluoromethane	0.0200	0.0193		mg/Kg		97	45 - 129
Ethylbenzene	0.0200	0.0215		mg/Kg		108	80 - 120
Ethylene Dibromide	0.0200	0.0208		mg/Kg		104	79 - 120
Isopropylbenzene	0.0200	0.0216		mg/Kg		108	74 - 120
Methyl acetate	0.0400	0.0500	*	mg/Kg		125	57 - 120
Methyl tert-butyl ether	0.0200	0.0218		mg/Kg		109	74 - 125
Methylcyclohexane	0.0200	0.0244		mg/Kg		122	66 - 125
Methylene Chloride	0.0200	0.0231		mg/Kg		116	78 - 120
m-Xylene & p-Xylene	0.0200	0.0215		mg/Kg		108	80 - 120
o-Xylene	0.0200	0.0213		mg/Kg		107	80 - 120
Styrene	0.0200	0.0205		mg/Kg		102	80 - 120
TBA	0.200	0.198		mg/Kg		99	79 - 120
Tetrachloroethene	0.0200	0.0233		mg/Kg		116	73 - 120
Toluene	0.0200	0.0208		mg/Kg		104	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0242	*	mg/Kg		121	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0206		mg/Kg		103	77 - 120
Trichloroethene	0.0200	0.0229		mg/Kg		115	80 - 120
Trichlorofluoromethane	0.0200	0.0183		mg/Kg		92	61 - 130
Vinyl chloride	0.0200	0.0194		mg/Kg		97	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*112*		*71 - 128*
Dibromofluoromethane (Surr)	*111*		*50 - 150*
Toluene-d8 (Surr)	*103*		*71 - 126*

Lab Sample ID: LCSD 460-1040663/4
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0221		mg/Kg		111	78 - 120	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.0195		mg/Kg		98	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0251	*	mg/Kg		125	75 - 121	5	30
1,1,2-Trichloroethane	0.0200	0.0202		mg/Kg		101	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0233		mg/Kg		117	72 - 120	5	30
1,1-Dichloroethene	0.0200	0.0228		mg/Kg		114	76 - 120	4	30
1,2,3-Trichlorobenzene	0.0200	0.0235		mg/Kg		118	77 - 137	2	30
1,2,4-Trichlorobenzene	0.0200	0.0246		mg/Kg		123	77 - 136	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0171		mg/Kg		85	80 - 124	6	30
1,2-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0220		mg/Kg		110	70 - 123	0	30
1,2-Dichloropropane	0.0200	0.0233		mg/Kg		116	73 - 124	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1040663/4
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3-Dichlorobenzene	0.0200	0.0218		mg/Kg		109	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0214		mg/Kg		107	80 - 120	7	30
2-Butanone (MEK)	0.100	0.0939		mg/Kg		94	64 - 128	4	30
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)	0.100	0.102		mg/Kg		102	80 - 120	3	30
Acetone	0.100	0.106		mg/Kg		106	58 - 122	7	30
Acrolein	0.300	0.256		mg/Kg		85	54 - 158	7	30
Acrylonitrile	0.200	0.214		mg/Kg		107	56 - 120	6	30
Benzene	0.0200	0.0214		mg/Kg		107	75 - 120	4	30
Bromoform	0.0200	0.0188		mg/Kg		94	61 - 125	1	30
Bromomethane	0.0200	0.0207		mg/Kg		104	37 - 150	1	30
Carbon disulfide	0.0200	0.0250		mg/Kg		125	57 - 133	5	30
Carbon tetrachloride	0.0200	0.0221		mg/Kg		111	66 - 127	5	30
Chlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120	4	30
Chlorobromomethane	0.0200	0.0213		mg/Kg		107	76 - 127	0	30
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	72 - 120	2	30
Chloroethane	0.0200	0.0204		mg/Kg		102	60 - 123	2	30
Chloroform	0.0200	0.0219		mg/Kg		110	79 - 126	2	30
Chloromethane	0.0200	0.0204		mg/Kg		102	46 - 122	1	30
cis-1,2-Dichloroethene	0.0200	0.0219		mg/Kg		110	80 - 123	2	30
cis-1,3-Dichloropropene	0.0200	0.0211		mg/Kg		106	75 - 120	3	30
Cyclohexane	0.0200	0.0243		mg/Kg		121	65 - 132	3	30
Dichlorobromomethane	0.0200	0.0200		mg/Kg		100	77 - 124	4	30
Dichlorodifluoromethane	0.0200	0.0194		mg/Kg		97	45 - 129	0	30
Ethylbenzene	0.0200	0.0214		mg/Kg		107	80 - 120	1	30
Ethylene Dibromide	0.0200	0.0201		mg/Kg		100	79 - 120	4	30
Isopropylbenzene	0.0200	0.0207		mg/Kg		103	74 - 120	4	30
Methyl acetate	0.0400	0.0509	*	mg/Kg		127	57 - 120	2	30
Methyl tert-butyl ether	0.0200	0.0214		mg/Kg		107	74 - 125	2	30
Methylcyclohexane	0.0200	0.0237		mg/Kg		118	66 - 125	3	30
Methylene Chloride	0.0200	0.0223		mg/Kg		112	78 - 120	4	30
m-Xylene & p-Xylene	0.0200	0.0207		mg/Kg		104	80 - 120	4	30
o-Xylene	0.0200	0.0203		mg/Kg		101	80 - 120	5	30
Styrene	0.0200	0.0197		mg/Kg		99	80 - 120	4	30
TBA	0.200	0.183		mg/Kg		92	79 - 120	7	30
Tetrachloroethene	0.0200	0.0223		mg/Kg		112	73 - 120	4	30
Toluene	0.0200	0.0201		mg/Kg		101	80 - 120	3	30
trans-1,2-Dichloroethene	0.0200	0.0230		mg/Kg		115	78 - 120	5	30
trans-1,3-Dichloropropene	0.0200	0.0196		mg/Kg		98	77 - 120	5	30
Trichloroethene	0.0200	0.0225		mg/Kg		113	80 - 120	2	30
Trichlorofluoromethane	0.0200	0.0187		mg/Kg		93	61 - 130	2	30
Vinyl chloride	0.0200	0.0197		mg/Kg		99	54 - 122	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*
4-Bromofluorobenzene	*111*		*71 - 128*
Dibromofluoromethane (Surr)	*109*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1040671/9
Matrix: Water
Analysis Batch: 1040671

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/31/25 08:18	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/31/25 08:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/31/25 08:18	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/31/25 08:18	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/31/25 08:18	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/31/25 08:18	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/31/25 08:18	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/31/25 08:18	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/31/25 08:18	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/31/25 08:18	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/31/25 08:18	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/31/25 08:18	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/31/25 08:18	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/31/25 08:18	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/31/25 08:18	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/31/25 08:18	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/31/25 08:18	1
Acetone	5.0	U	5.0	4.4	ug/L			05/31/25 08:18	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/31/25 08:18	1
Acrylonitrile	5.0	U	5.0	1.8	ug/L			05/31/25 08:18	1
Benzene	0.45	U	0.45	0.070	ug/L			05/31/25 08:18	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/31/25 08:18	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/31/25 08:18	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/31/25 08:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/31/25 08:18	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/31/25 08:18	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/31/25 08:18	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/31/25 08:18	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/31/25 08:18	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/31/25 08:18	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/31/25 08:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/31/25 08:18	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/31/25 08:18	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/31/25 08:18	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/31/25 08:18	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/31/25 08:18	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/31/25 08:18	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/31/25 08:18	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/31/25 08:18	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/31/25 08:18	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/31/25 08:18	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/31/25 08:18	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/31/25 08:18	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/31/25 08:18	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/31/25 08:18	1
Styrene	1.0	U	1.0	0.42	ug/L			05/31/25 08:18	1
TBA	10	U	10	8.3	ug/L			05/31/25 08:18	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/31/25 08:18	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1040671/9
Matrix: Water
Analysis Batch: 1040671

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.38	ug/L			05/31/25 08:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/31/25 08:18	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/31/25 08:18	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/31/25 08:18	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/31/25 08:18	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/31/25 08:18	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/31/25 08:18*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*		*05/31/25 08:18*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*05/31/25 08:18*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*05/31/25 08:18*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*05/31/25 08:18*	*1*

Lab Sample ID: LCS 460-1040671/4
Matrix: Water
Analysis Batch: 1040671

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.3		ug/L		101	72 - 128
1,1,2,2-Tetrachloroethane	20.0	23.0		ug/L		115	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	13.6		ug/L		68	65 - 142
1,1,2-Trichloroethane	20.0	21.5		ug/L		108	74 - 125
1,1-Dichloroethane	20.0	21.6		ug/L		108	73 - 130
1,1-Dichloroethene	20.0	19.0		ug/L		95	68 - 133
1,2,3-Trichlorobenzene	20.0	22.4		ug/L		112	55 - 150
1,2,4-Trichlorobenzene	20.0	22.1		ug/L		110	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	19.8		ug/L		99	58 - 132
1,2-Dichlorobenzene	20.0	22.9		ug/L		115	80 - 120
1,2-Dichloroethane	20.0	21.1		ug/L		106	66 - 129
1,2-Dichloropropane	20.0	20.9		ug/L		104	72 - 128
1,3-Dichlorobenzene	20.0	22.8		ug/L		114	80 - 120
1,4-Dichlorobenzene	20.0	22.5		ug/L		113	80 - 120
2-Butanone (MEK)	100	101		ug/L		101	65 - 142
2-Hexanone	100	117		ug/L		117	72 - 134
4-Methyl-2-pentanone (MIBK)	100	117		ug/L		117	77 - 130
Acetone	100	111		ug/L		111	60 - 133
Acrolein	40.0	40.5		ug/L		101	18 - 150
Acrylonitrile	200	220		ug/L		110	57 - 146
Benzene	20.0	22.9		ug/L		114	71 - 126
Bromoform	20.0	19.8		ug/L		99	58 - 128
Bromomethane	20.0	23.7		ug/L		118	33 - 150
Carbon disulfide	20.0	19.6		ug/L		98	35 - 150
Carbon tetrachloride	20.0	18.5		ug/L		93	65 - 131
Chlorobenzene	20.0	21.1		ug/L		105	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1040671/4
Matrix: Water
Analysis Batch: 1040671

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	20.0		ug/L		100	71 - 134
Chlorodibromomethane	20.0	19.9		ug/L		100	73 - 121
Chloroethane	20.0	21.4		ug/L		107	54 - 150
Chloroform	20.0	21.6		ug/L		108	78 - 125
Chloromethane	20.0	22.5		ug/L		112	43 - 149
cis-1,2-Dichloroethene	20.0	21.0		ug/L		105	78 - 121
cis-1,3-Dichloropropene	20.0	22.0		ug/L		110	74 - 125
Cyclohexane	20.0	14.8		ug/L		74	64 - 142
Dichlorobromomethane	20.0	21.1		ug/L		105	76 - 121
Dichlorodifluoromethane	20.0	8.82		ug/L		44	38 - 144
Ethylbenzene	20.0	21.9		ug/L		110	78 - 120
Ethylene Dibromide	20.0	21.0		ug/L		105	79 - 126
Isopropylbenzene	20.0	22.0		ug/L		110	79 - 125
Methyl acetate	40.0	44.6		ug/L		111	50 - 147
Methyl tert-butyl ether	20.0	21.7		ug/L		109	72 - 131
Methylcyclohexane	20.0	14.6		ug/L		73	63 - 138
Methylene Chloride	20.0	20.9		ug/L		104	74 - 127
m-Xylene & p-Xylene	20.0	21.4		ug/L		107	78 - 120
o-Xylene	20.0	22.1		ug/L		111	78 - 120
Styrene	20.0	22.2		ug/L		111	82 - 127
TBA	200	228		ug/L		114	64 - 142
Tetrachloroethene	20.0	18.8		ug/L		94	70 - 127
Toluene	20.0	21.6		ug/L		108	78 - 120
trans-1,2-Dichloroethene	20.0	20.3		ug/L		102	70 - 126
trans-1,3-Dichloropropene	20.0	21.9		ug/L		110	71 - 127
Trichloroethene	20.0	21.3		ug/L		106	73 - 121
Trichlorofluoromethane	20.0	14.2		ug/L		71	62 - 134
Vinyl chloride	20.0	18.9		ug/L		95	55 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*
4-Bromofluorobenzene	*97*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-1040671/5
Matrix: Water
Analysis Batch: 1040671

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.1		ug/L		105	72 - 128	4	30
1,1,2,2-Tetrachloroethane	20.0	22.6		ug/L		113	63 - 139	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	13.5		ug/L		67	65 - 142	1	30
1,1,2-Trichloroethane	20.0	21.4		ug/L		107	74 - 125	0	30
1,1-Dichloroethane	20.0	22.1		ug/L		111	73 - 130	3	30
1,1-Dichloroethene	20.0	20.1		ug/L		101	68 - 133	6	30
1,2,3-Trichlorobenzene	20.0	21.5		ug/L		108	55 - 150	4	30
1,2,4-Trichlorobenzene	20.0	21.8		ug/L		109	67 - 132	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1040671/5
Matrix: Water
Analysis Batch: 1040671

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	20.0	19.1		ug/L		95	58 - 132	4	30
1,2-Dichlorobenzene	20.0	22.7		ug/L		114	80 - 120	1	30
1,2-Dichloroethane	20.0	21.6		ug/L		108	66 - 129	3	30
1,2-Dichloropropane	20.0	21.6		ug/L		108	72 - 128	4	30
1,3-Dichlorobenzene	20.0	22.5		ug/L		112	80 - 120	2	30
1,4-Dichlorobenzene	20.0	21.7		ug/L		109	80 - 120	4	30
2-Butanone (MEK)	100	98.3		ug/L		98	65 - 142	3	30
2-Hexanone	100	113		ug/L		113	72 - 134	3	30
4-Methyl-2-pentanone (MIBK)	100	115		ug/L		115	77 - 130	2	30
Acetone	100	108		ug/L		108	60 - 133	3	30
Acrolein	40.0	40.4		ug/L		101	18 - 150	0	30
Acrylonitrile	200	224		ug/L		112	57 - 146	2	30
Benzene	20.0	23.1		ug/L		116	71 - 126	1	30
Bromoform	20.0	21.0		ug/L		105	58 - 128	6	30
Bromomethane	20.0	23.5		ug/L		118	33 - 150	1	30
Carbon disulfide	20.0	20.5		ug/L		103	35 - 150	5	30
Carbon tetrachloride	20.0	19.2		ug/L		96	65 - 131	4	30
Chlorobenzene	20.0	21.1		ug/L		105	80 - 120	0	30
Chlorobromomethane	20.0	21.3		ug/L		107	71 - 134	6	30
Chlorodibromomethane	20.0	21.1		ug/L		105	73 - 121	6	30
Chloroethane	20.0	22.1		ug/L		111	54 - 150	3	30
Chloroform	20.0	21.8		ug/L		109	78 - 125	1	30
Chloromethane	20.0	23.4		ug/L		117	43 - 149	4	30
cis-1,2-Dichloroethene	20.0	21.5		ug/L		108	78 - 121	2	30
cis-1,3-Dichloropropene	20.0	21.9		ug/L		109	74 - 125	0	30
Cyclohexane	20.0	14.8		ug/L		74	64 - 142	0	30
Dichlorobromomethane	20.0	22.2		ug/L		111	76 - 121	5	30
Dichlorodifluoromethane	20.0	8.54		ug/L		43	38 - 144	3	30
Ethylbenzene	20.0	21.8		ug/L		109	78 - 120	1	30
Ethylene Dibromide	20.0	21.3		ug/L		106	79 - 126	1	30
Isopropylbenzene	20.0	22.6		ug/L		113	79 - 125	2	30
Methyl acetate	40.0	40.4		ug/L		101	50 - 147	10	30
Methyl tert-butyl ether	20.0	21.7		ug/L		108	72 - 131	0	30
Methylcyclohexane	20.0	14.4		ug/L		72	63 - 138	1	30
Methylene Chloride	20.0	21.4		ug/L		107	74 - 127	3	30
m-Xylene & p-Xylene	20.0	21.2		ug/L		106	78 - 120	1	30
o-Xylene	20.0	22.1		ug/L		110	78 - 120	0	30
Styrene	20.0	22.3		ug/L		112	82 - 127	0	30
TBA	200	220		ug/L		110	64 - 142	4	30
Tetrachloroethene	20.0	19.5		ug/L		97	70 - 127	3	30
Toluene	20.0	21.8		ug/L		109	78 - 120	1	30
trans-1,2-Dichloroethene	20.0	20.7		ug/L		104	70 - 126	2	30
trans-1,3-Dichloropropene	20.0	22.6		ug/L		113	71 - 127	3	30
Trichloroethene	20.0	22.0		ug/L		110	73 - 121	3	30
Trichlorofluoromethane	20.0	14.5		ug/L		73	62 - 134	2	30
Vinyl chloride	20.0	19.6		ug/L		98	55 - 144	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1040671/5
Matrix: Water
Analysis Batch: 1040671

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 460-1040792/7
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/01/25 06:27	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/01/25 06:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/01/25 06:27	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/01/25 06:27	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/01/25 06:27	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/01/25 06:27	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/01/25 06:27	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/01/25 06:27	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/01/25 06:27	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/01/25 06:27	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/01/25 06:27	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/01/25 06:27	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/01/25 06:27	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/01/25 06:27	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/01/25 06:27	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/01/25 06:27	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/01/25 06:27	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/01/25 06:27	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			06/01/25 06:27	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			06/01/25 06:27	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/01/25 06:27	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/01/25 06:27	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/01/25 06:27	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/01/25 06:27	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/01/25 06:27	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/01/25 06:27	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/01/25 06:27	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/01/25 06:27	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/01/25 06:27	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/01/25 06:27	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/01/25 06:27	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/01/25 06:27	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/01/25 06:27	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/01/25 06:27	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/01/25 06:27	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/01/25 06:27	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/01/25 06:27	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/01/25 06:27	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1040792/7
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/01/25 06:27	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/01/25 06:27	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/01/25 06:27	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/01/25 06:27	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/01/25 06:27	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/01/25 06:27	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/01/25 06:27	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/01/25 06:27	1
TBA	0.010	U	0.010	0.0078	mg/Kg			06/01/25 06:27	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/01/25 06:27	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/01/25 06:27	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/01/25 06:27	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/01/25 06:27	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/01/25 06:27	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/01/25 06:27	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/01/25 06:27	1

Tentatively Identified Compound	*Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*06/01/25 06:27*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*		*06/01/25 06:27*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*		*06/01/25 06:27*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*		*06/01/25 06:27*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*06/01/25 06:27*	*1*

Lab Sample ID: LCS 460-1040792/3
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0184		mg/Kg		92	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0178		mg/Kg		89	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0213		mg/Kg		106	75 - 121
1,1,2-Trichloroethane	0.0200	0.0188		mg/Kg		94	80 - 120
1,1-Dichloroethane	0.0200	0.0200		mg/Kg		100	72 - 120
1,1-Dichloroethene	0.0200	0.0196		mg/Kg		98	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0176		mg/Kg		88	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0174		mg/Kg		87	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0174		mg/Kg		87	80 - 124
1,2-Dichlorobenzene	0.0200	0.0179		mg/Kg		90	80 - 120
1,2-Dichloroethane	0.0200	0.0181		mg/Kg		91	70 - 123
1,2-Dichloropropane	0.0200	0.0208		mg/Kg		104	73 - 124
1,3-Dichlorobenzene	0.0200	0.0177		mg/Kg		89	80 - 120
1,4-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.0764		mg/Kg		76	64 - 128
2-Hexanone	0.100	0.0883		mg/Kg		88	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1040792/3
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	0.100	0.0939		mg/Kg		94	80 - 120
Acetone	0.100	0.102		mg/Kg		102	58 - 122
Acrolein	0.300	0.244		mg/Kg		81	54 - 158
Acrylonitrile	0.200	0.236		mg/Kg		118	56 - 120
Benzene	0.0200	0.0201		mg/Kg		100	75 - 120
Bromoform	0.0200	0.0213		mg/Kg		107	61 - 125
Bromomethane	0.0200	0.0180		mg/Kg		90	37 - 150
Carbon disulfide	0.0200	0.0212		mg/Kg		106	57 - 133
Carbon tetrachloride	0.0200	0.0192		mg/Kg		96	66 - 127
Chlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
Chlorobromomethane	0.0200	0.0189		mg/Kg		94	76 - 127
Chlorodibromomethane	0.0200	0.0198		mg/Kg		99	72 - 120
Chloroethane	0.0200	0.0163		mg/Kg		82	60 - 123
Chloroform	0.0200	0.0190		mg/Kg		95	79 - 126
Chloromethane	0.0200	0.0188		mg/Kg		94	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0196		mg/Kg		98	65 - 132
Dichlorobromomethane	0.0200	0.0193		mg/Kg		96	77 - 124
Dichlorodifluoromethane	0.0200	0.0164		mg/Kg		82	45 - 129
Ethylbenzene	0.0200	0.0185		mg/Kg		93	80 - 120
Ethylene Dibromide	0.0200	0.0180		mg/Kg		90	79 - 120
Isopropylbenzene	0.0200	0.0186		mg/Kg		93	74 - 120
Methyl acetate	0.0400	0.0425		mg/Kg		106	57 - 120
Methyl tert-butyl ether	0.0200	0.0172		mg/Kg		86	74 - 125
Methylcyclohexane	0.0200	0.0199		mg/Kg		99	66 - 125
Methylene Chloride	0.0200	0.0197		mg/Kg		99	78 - 120
m-Xylene & p-Xylene	0.0200	0.0180		mg/Kg		90	80 - 120
o-Xylene	0.0200	0.0180		mg/Kg		90	80 - 120
Styrene	0.0200	0.0175		mg/Kg		87	80 - 120
TBA	0.200	0.166		mg/Kg		83	79 - 120
Tetrachloroethene	0.0200	0.0204		mg/Kg		102	73 - 120
Toluene	0.0200	0.0184		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0198		mg/Kg		99	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	77 - 120
Trichloroethene	0.0200	0.0175		mg/Kg		88	80 - 120
Trichlorofluoromethane	0.0200	0.0164		mg/Kg		82	61 - 130
Vinyl chloride	0.0200	0.0179		mg/Kg		90	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*
4-Bromofluorobenzene	*89*		*71 - 128*
Dibromofluoromethane (Surr)	*108*		*50 - 150*
Toluene-d8 (Surr)	*107*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1040792/4
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0172		mg/Kg		86	78 - 120	7	30
1,1,2,2-Tetrachloroethane			0.0200	0.0177		mg/Kg		89	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0196		mg/Kg		98	75 - 121	8	30
1,1,2-Trichloroethane			0.0200	0.0185		mg/Kg		93	80 - 120	1	30
1,1-Dichloroethane			0.0200	0.0199		mg/Kg		99	72 - 120	0	30
1,1-Dichloroethene			0.0200	0.0186		mg/Kg		93	76 - 120	6	30
1,2,3-Trichlorobenzene			0.0200	0.0170		mg/Kg		85	77 - 137	4	30
1,2,4-Trichlorobenzene			0.0200	0.0169		mg/Kg		84	77 - 136	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0170		mg/Kg		85	80 - 124	2	30
1,2-Dichlorobenzene			0.0200	0.0170		mg/Kg		85	80 - 120	5	30
1,2-Dichloroethane			0.0200	0.0179		mg/Kg		89	70 - 123	1	30
1,2-Dichloropropane			0.0200	0.0199		mg/Kg		100	73 - 124	4	30
1,3-Dichlorobenzene			0.0200	0.0171		mg/Kg		85	80 - 120	4	30
1,4-Dichlorobenzene			0.0200	0.0171		mg/Kg		86	80 - 120	5	30
2-Butanone (MEK)			0.100	0.0745		mg/Kg		75	64 - 128	2	30
2-Hexanone			0.100	0.0861		mg/Kg		86	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0890		mg/Kg		89	80 - 120	5	30
Acetone			0.100	0.0949		mg/Kg		95	58 - 122	7	30
Acrolein			0.300	0.238		mg/Kg		79	54 - 158	3	30
Acrylonitrile			0.200	0.227		mg/Kg		113	56 - 120	4	30
Benzene			0.0200	0.0190		mg/Kg		95	75 - 120	5	30
Bromoform			0.0200	0.0205		mg/Kg		102	61 - 125	4	30
Bromomethane			0.0200	0.0163		mg/Kg		82	37 - 150	10	30
Carbon disulfide			0.0200	0.0199		mg/Kg		99	57 - 133	7	30
Carbon tetrachloride			0.0200	0.0184		mg/Kg		92	66 - 127	4	30
Chlorobenzene			0.0200	0.0179		mg/Kg		89	80 - 120	6	30
Chlorobromomethane			0.0200	0.0189		mg/Kg		94	76 - 127	0	30
Chlorodibromomethane			0.0200	0.0194		mg/Kg		97	72 - 120	3	30
Chloroethane			0.0200	0.0153		mg/Kg		76	60 - 123	7	30
Chloroform			0.0200	0.0184		mg/Kg		92	79 - 126	4	30
Chloromethane			0.0200	0.0175		mg/Kg		87	46 - 122	8	30
cis-1,2-Dichloroethene			0.0200	0.0182		mg/Kg		91	80 - 123	2	30
cis-1,3-Dichloropropene			0.0200	0.0174		mg/Kg		87	75 - 120	3	30
Cyclohexane			0.0200	0.0182		mg/Kg		91	65 - 132	8	30
Dichlorobromomethane			0.0200	0.0187		mg/Kg		93	77 - 124	3	30
Dichlorodifluoromethane			0.0200	0.0152		mg/Kg		76	45 - 129	8	30
Ethylbenzene			0.0200	0.0172		mg/Kg		86	80 - 120	7	30
Ethylene Dibromide			0.0200	0.0176		mg/Kg		88	79 - 120	2	30
Isopropylbenzene			0.0200	0.0171		mg/Kg		85	74 - 120	9	30
Methyl acetate			0.0400	0.0418		mg/Kg		105	57 - 120	2	30
Methyl tert-butyl ether			0.0200	0.0174		mg/Kg		87	74 - 125	1	30
Methylcyclohexane			0.0200	0.0188		mg/Kg		94	66 - 125	6	30
Methylene Chloride			0.0200	0.0191		mg/Kg		95	78 - 120	3	30
m-Xylene & p-Xylene			0.0200	0.0169		mg/Kg		85	80 - 120	6	30
o-Xylene			0.0200	0.0170		mg/Kg		85	80 - 120	6	30
Styrene			0.0200	0.0164		mg/Kg		82	80 - 120	6	30
TBA			0.200	0.171		mg/Kg		86	79 - 120	3	30
Tetrachloroethene			0.0200	0.0192		mg/Kg		96	73 - 120	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1040792/4
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.0200	0.0173		mg/Kg		87	80 - 120	6	30
trans-1,2-Dichloroethene			0.0200	0.0191		mg/Kg		95	78 - 120	4	30
trans-1,3-Dichloropropene			0.0200	0.0166		mg/Kg		83	77 - 120	2	30
Trichloroethene			0.0200	0.0168		mg/Kg		84	80 - 120	4	30
Trichlorofluoromethane			0.0200	0.0152		mg/Kg		76	61 - 130	8	30
Vinyl chloride			0.0200	0.0161		mg/Kg		81	54 - 122	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*
4-Bromofluorobenzene	*88*		*71 - 128*
Dibromofluoromethane (Surr)	*109*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: MB 460-1040795/7
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/01/25 06:45	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/01/25 06:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/01/25 06:45	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/01/25 06:45	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/01/25 06:45	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/01/25 06:45	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/01/25 06:45	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/01/25 06:45	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/01/25 06:45	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/01/25 06:45	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/01/25 06:45	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/01/25 06:45	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/01/25 06:45	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/01/25 06:45	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/01/25 06:45	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/01/25 06:45	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/01/25 06:45	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/01/25 06:45	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			06/01/25 06:45	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			06/01/25 06:45	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/01/25 06:45	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/01/25 06:45	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/01/25 06:45	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/01/25 06:45	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/01/25 06:45	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/01/25 06:45	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/01/25 06:45	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/01/25 06:45	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/01/25 06:45	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/01/25 06:45	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1040795/7
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/01/25 06:45	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/01/25 06:45	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/01/25 06:45	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/01/25 06:45	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/01/25 06:45	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/01/25 06:45	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/01/25 06:45	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/01/25 06:45	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/01/25 06:45	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/01/25 06:45	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/01/25 06:45	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/01/25 06:45	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/01/25 06:45	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/01/25 06:45	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/01/25 06:45	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/01/25 06:45	1
TBA	0.010	U	0.010	0.0078	mg/Kg			06/01/25 06:45	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/01/25 06:45	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/01/25 06:45	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/01/25 06:45	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/01/25 06:45	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/01/25 06:45	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/01/25 06:45	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/01/25 06:45	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*06/01/25 06:45*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*		*06/01/25 06:45*	*1*
4-Bromofluorobenzene	*112*		*71 - 128*		*06/01/25 06:45*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*		*06/01/25 06:45*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*06/01/25 06:45*	*1*

Lab Sample ID: LCS 460-1040795/3
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0214		mg/Kg		107	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0188		mg/Kg		94	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0241		mg/Kg		121	75 - 121
1,1,2-Trichloroethane	0.0200	0.0189		mg/Kg		95	80 - 120
1,1-Dichloroethane	0.0200	0.0225		mg/Kg		112	72 - 120
1,1-Dichloroethene	0.0200	0.0213		mg/Kg		107	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0224		mg/Kg		112	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0234		mg/Kg		117	77 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1040795/3
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0167		mg/Kg		84	80 - 124
1,2-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
1,2-Dichloroethane	0.0200	0.0214		mg/Kg		107	70 - 123
1,2-Dichloropropane	0.0200	0.0225		mg/Kg		113	73 - 124
1,3-Dichlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120
1,4-Dichlorobenzene	0.0200	0.0211		mg/Kg		105	80 - 120
2-Butanone (MEK)	0.100	0.0910		mg/Kg		91	64 - 128
2-Hexanone	0.100	0.103		mg/Kg		103	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.100		mg/Kg		100	80 - 120
Acetone	0.100	0.107		mg/Kg		107	58 - 122
Acrolein	0.300	0.260		mg/Kg		87	54 - 158
Acrylonitrile	0.200	0.208		mg/Kg		104	56 - 120
Benzene	0.0200	0.0203		mg/Kg		102	75 - 120
Bromoform	0.0200	0.0180		mg/Kg		90	61 - 125
Bromomethane	0.0200	0.0194		mg/Kg		97	37 - 150
Carbon disulfide	0.0200	0.0236		mg/Kg		118	57 - 133
Carbon tetrachloride	0.0200	0.0212		mg/Kg		106	66 - 127
Chlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0207		mg/Kg		103	76 - 127
Chlorodibromomethane	0.0200	0.0180		mg/Kg		90	72 - 120
Chloroethane	0.0200	0.0188		mg/Kg		94	60 - 123
Chloroform	0.0200	0.0214		mg/Kg		107	79 - 126
Chloromethane	0.0200	0.0189		mg/Kg		95	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0215		mg/Kg		107	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0201		mg/Kg		100	75 - 120
Cyclohexane	0.0200	0.0233		mg/Kg		116	65 - 132
Dichlorobromomethane	0.0200	0.0193		mg/Kg		96	77 - 124
Dichlorodifluoromethane	0.0200	0.0174		mg/Kg		87	45 - 129
Ethylbenzene	0.0200	0.0200		mg/Kg		100	80 - 120
Ethylene Dibromide	0.0200	0.0192		mg/Kg		96	79 - 120
Isopropylbenzene	0.0200	0.0198		mg/Kg		99	74 - 120
Methyl acetate	0.0400	0.0477		mg/Kg		119	57 - 120
Methyl tert-butyl ether	0.0200	0.0205		mg/Kg		103	74 - 125
Methylcyclohexane	0.0200	0.0222		mg/Kg		111	66 - 125
Methylene Chloride	0.0200	0.0214		mg/Kg		107	78 - 120
m-Xylene & p-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120
o-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120
Styrene	0.0200	0.0189		mg/Kg		95	80 - 120
TBA	0.200	0.186		mg/Kg		93	79 - 120
Tetrachloroethene	0.0200	0.0214		mg/Kg		107	73 - 120
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0220		mg/Kg		110	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0191		mg/Kg		95	77 - 120
Trichloroethene	0.0200	0.0208		mg/Kg		104	80 - 120
Trichlorofluoromethane	0.0200	0.0178		mg/Kg		89	61 - 130
Vinyl chloride	0.0200	0.0181		mg/Kg		91	54 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1040795/3
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*107*		*71 - 128*
Dibromofluoromethane (Surr)	*108*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: LCSD 460-1040795/4
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0204		mg/Kg		102	78 - 120	5	30
1,1,2,2-Tetrachloroethane			0.0200	0.0188		mg/Kg		94	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0240		mg/Kg		120	75 - 121	1	30
1,1,2-Trichloroethane			0.0200	0.0186		mg/Kg		93	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0218		mg/Kg		109	72 - 120	3	30
1,1-Dichloroethene			0.0200	0.0211		mg/Kg		105	76 - 120	1	30
1,2,3-Trichlorobenzene			0.0200	0.0215		mg/Kg		108	77 - 137	4	30
1,2,4-Trichlorobenzene			0.0200	0.0227		mg/Kg		114	77 - 136	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0166		mg/Kg		83	80 - 124	1	30
1,2-Dichlorobenzene			0.0200	0.0192		mg/Kg		96	80 - 120	5	30
1,2-Dichloroethane			0.0200	0.0201		mg/Kg		100	70 - 123	6	30
1,2-Dichloropropane			0.0200	0.0220		mg/Kg		110	73 - 124	2	30
1,3-Dichlorobenzene			0.0200	0.0202		mg/Kg		101	80 - 120	1	30
1,4-Dichlorobenzene			0.0200	0.0203		mg/Kg		101	80 - 120	4	30
2-Butanone (MEK)			0.100	0.0911		mg/Kg		91	64 - 128	0	30
2-Hexanone			0.100	0.0994		mg/Kg		99	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0973		mg/Kg		97	80 - 120	3	30
Acetone			0.100	0.105		mg/Kg		105	58 - 122	2	30
Acrolein			0.300	0.250		mg/Kg		83	54 - 158	4	30
Acrylonitrile			0.200	0.208		mg/Kg		104	56 - 120	0	30
Benzene			0.0200	0.0200		mg/Kg		100	75 - 120	2	30
Bromoform			0.0200	0.0177		mg/Kg		89	61 - 125	2	30
Bromomethane			0.0200	0.0205		mg/Kg		102	37 - 150	6	30
Carbon disulfide			0.0200	0.0232		mg/Kg		116	57 - 133	2	30
Carbon tetrachloride			0.0200	0.0205		mg/Kg		103	66 - 127	3	30
Chlorobenzene			0.0200	0.0189		mg/Kg		95	80 - 120	2	30
Chlorobromomethane			0.0200	0.0199		mg/Kg		100	76 - 127	4	30
Chlorodibromomethane			0.0200	0.0177		mg/Kg		89	72 - 120	2	30
Chloroethane			0.0200	0.0199		mg/Kg		100	60 - 123	6	30
Chloroform			0.0200	0.0206		mg/Kg		103	79 - 126	4	30
Chloromethane			0.0200	0.0196		mg/Kg		98	46 - 122	4	30
cis-1,2-Dichloroethene			0.0200	0.0204		mg/Kg		102	80 - 123	5	30
cis-1,3-Dichloropropene			0.0200	0.0195		mg/Kg		97	75 - 120	3	30
Cyclohexane			0.0200	0.0219		mg/Kg		110	65 - 132	6	30
Dichlorobromomethane			0.0200	0.0189		mg/Kg		94	77 - 124	2	30
Dichlorodifluoromethane			0.0200	0.0187		mg/Kg		94	45 - 129	7	30
Ethylbenzene			0.0200	0.0200		mg/Kg		100	80 - 120	0	30
Ethylene Dibromide			0.0200	0.0186		mg/Kg		93	79 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1040795/4
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene			0.0200	0.0193		mg/Kg		97	74 - 120	2	30
Methyl acetate			0.0400	0.0463		mg/Kg		116	57 - 120	3	30
Methyl tert-butyl ether			0.0200	0.0200		mg/Kg		100	74 - 125	3	30
Methylcyclohexane			0.0200	0.0214		mg/Kg		107	66 - 125	4	30
Methylene Chloride			0.0200	0.0205		mg/Kg		103	78 - 120	4	30
m-Xylene & p-Xylene			0.0200	0.0192		mg/Kg		96	80 - 120	1	30
o-Xylene			0.0200	0.0193		mg/Kg		97	80 - 120	1	30
Styrene			0.0200	0.0188		mg/Kg		94	80 - 120	1	30
TBA			0.200	0.179		mg/Kg		90	79 - 120	4	30
Tetrachloroethene			0.0200	0.0209		mg/Kg		105	73 - 120	2	30
Toluene			0.0200	0.0189		mg/Kg		95	80 - 120	2	30
trans-1,2-Dichloroethene			0.0200	0.0210		mg/Kg		105	78 - 120	5	30
trans-1,3-Dichloropropene			0.0200	0.0182		mg/Kg		91	77 - 120	4	30
Trichloroethene			0.0200	0.0202		mg/Kg		101	80 - 120	3	30
Trichlorofluoromethane			0.0200	0.0183		mg/Kg		92	61 - 130	3	30
Vinyl chloride			0.0200	0.0189		mg/Kg		94	54 - 122	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*111*		*71 - 128*
Dibromofluoromethane (Surr)	*110*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: MB 460-1040884/7
Matrix: Solid
Analysis Batch: 1040884

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 06:44	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 06:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 06:44	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 06:44	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 06:44	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 06:44	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/02/25 06:44	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 06:44	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 06:44	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 06:44	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 06:44	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 06:44	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/02/25 06:44	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 06:44	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/02/25 06:44	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/02/25 06:44	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/02/25 06:44	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/02/25 06:44	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			06/02/25 06:44	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			06/02/25 06:44	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1040884/7
Matrix: Solid
Analysis Batch: 1040884

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/02/25 06:44	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/02/25 06:44	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/02/25 06:44	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 06:44	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/02/25 06:44	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 06:44	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 06:44	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/02/25 06:44	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 06:44	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/02/25 06:44	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/02/25 06:44	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 06:44	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 06:44	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/02/25 06:44	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/02/25 06:44	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/02/25 06:44	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/02/25 06:44	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 06:44	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/02/25 06:44	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/02/25 06:44	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 06:44	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 06:44	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/02/25 06:44	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 06:44	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 06:44	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/02/25 06:44	1
TBA	0.010	U	0.010	0.0078	mg/Kg			06/02/25 06:44	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/02/25 06:44	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 06:44	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/02/25 06:44	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 06:44	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/02/25 06:44	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/02/25 06:44	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/02/25 06:44	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*06/02/25 06:44*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*		*06/02/25 06:44*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*06/02/25 06:44*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*		*06/02/25 06:44*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*		*06/02/25 06:44*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1040884/2
Matrix: Solid
Analysis Batch: 1040884

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0171		mg/Kg		85	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0173		mg/Kg		87	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0191		mg/Kg		96	75 - 121
1,1,2-Trichloroethane	0.0200	0.0186		mg/Kg		93	80 - 120
1,1-Dichloroethane	0.0200	0.0196		mg/Kg		98	72 - 120
1,1-Dichloroethene	0.0200	0.0177		mg/Kg		88	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0178		mg/Kg		89	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0174		mg/Kg		87	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0180		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0176		mg/Kg		88	80 - 120
1,2-Dichloroethane	0.0200	0.0174		mg/Kg		87	70 - 123
1,2-Dichloropropane	0.0200	0.0194		mg/Kg		97	73 - 124
1,3-Dichlorobenzene	0.0200	0.0169		mg/Kg		85	80 - 120
1,4-Dichlorobenzene	0.0200	0.0176		mg/Kg		88	80 - 120
2-Butanone (MEK)	0.100	0.0756		mg/Kg		76	64 - 128
2-Hexanone	0.100	0.0841		mg/Kg		84	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0881		mg/Kg		88	80 - 120
Acetone	0.100	0.0950		mg/Kg		95	58 - 122
Acrolein	0.300	0.254		mg/Kg		85	54 - 158
Acrylonitrile	0.200	0.228		mg/Kg		114	56 - 120
Benzene	0.0200	0.0190		mg/Kg		95	75 - 120
Bromoform	0.0200	0.0207		mg/Kg		104	61 - 125
Bromomethane	0.0200	0.0183		mg/Kg		92	37 - 150
Carbon disulfide	0.0200	0.0198		mg/Kg		99	57 - 133
Carbon tetrachloride	0.0200	0.0182		mg/Kg		91	66 - 127
Chlorobenzene	0.0200	0.0183		mg/Kg		92	80 - 120
Chlorobromomethane	0.0200	0.0188		mg/Kg		94	76 - 127
Chlorodibromomethane	0.0200	0.0193		mg/Kg		97	72 - 120
Chloroethane	0.0200	0.0172		mg/Kg		86	60 - 123
Chloroform	0.0200	0.0184		mg/Kg		92	79 - 126
Chloromethane	0.0200	0.0200		mg/Kg		100	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0181		mg/Kg		91	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0174		mg/Kg		87	75 - 120
Cyclohexane	0.0200	0.0187		mg/Kg		93	65 - 132
Dichlorobromomethane	0.0200	0.0181		mg/Kg		91	77 - 124
Dichlorodifluoromethane	0.0200	0.0166		mg/Kg		83	45 - 129
Ethylbenzene	0.0200	0.0181		mg/Kg		91	80 - 120
Ethylene Dibromide	0.0200	0.0178		mg/Kg		89	79 - 120
Isopropylbenzene	0.0200	0.0179		mg/Kg		89	74 - 120
Methyl acetate	0.0400	0.0431		mg/Kg		108	57 - 120
Methyl tert-butyl ether	0.0200	0.0170		mg/Kg		85	74 - 125
Methylcyclohexane	0.0200	0.0189		mg/Kg		95	66 - 125
Methylene Chloride	0.0200	0.0185		mg/Kg		93	78 - 120
m-Xylene & p-Xylene	0.0200	0.0175		mg/Kg		88	80 - 120
o-Xylene	0.0200	0.0176		mg/Kg		88	80 - 120
Styrene	0.0200	0.0169		mg/Kg		84	80 - 120
TBA	0.200	0.170		mg/Kg		85	79 - 120
Tetrachloroethene	0.0200	0.0195		mg/Kg		98	73 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1040884/2
Matrix: Solid
Analysis Batch: 1040884

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toluene			0.0200	0.0178		mg/Kg		89	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0191		mg/Kg		96	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0166		mg/Kg		83	77 - 120		
Trichloroethene			0.0200	0.0171		mg/Kg		86	80 - 120		
Trichlorofluoromethane			0.0200	0.0175		mg/Kg		87	61 - 130		
Vinyl chloride			0.0200	0.0188		mg/Kg		94	54 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*
4-Bromofluorobenzene	*89*		*71 - 128*
Dibromofluoromethane (Surr)	*107*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: LCSD 460-1040884/4
Matrix: Solid
Analysis Batch: 1040884

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0167		mg/Kg		83	78 - 120	3	30
1,1,2,2-Tetrachloroethane			0.0200	0.0177		mg/Kg		88	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0191		mg/Kg		95	75 - 121	0	30
1,1,2-Trichloroethane			0.0200	0.0183		mg/Kg		91	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0193		mg/Kg		96	72 - 120	2	30
1,1-Dichloroethene			0.0200	0.0179		mg/Kg		90	76 - 120	2	30
1,2,3-Trichlorobenzene			0.0200	0.0171		mg/Kg		86	77 - 137	4	30
1,2,4-Trichlorobenzene			0.0200	0.0168		mg/Kg		84	77 - 136	4	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0180		mg/Kg		90	80 - 124	0	30
1,2-Dichlorobenzene			0.0200	0.0172		mg/Kg		86	80 - 120	2	30
1,2-Dichloroethane			0.0200	0.0174		mg/Kg		87	70 - 123	0	30
1,2-Dichloropropane			0.0200	0.0193		mg/Kg		97	73 - 124	0	30
1,3-Dichlorobenzene			0.0200	0.0165		mg/Kg		83	80 - 120	2	30
1,4-Dichlorobenzene			0.0200	0.0169		mg/Kg		85	80 - 120	4	30
2-Butanone (MEK)			0.100	0.0747		mg/Kg		75	64 - 128	1	30
2-Hexanone			0.100	0.0853		mg/Kg		85	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0871		mg/Kg		87	80 - 120	1	30
Acetone			0.100	0.0940		mg/Kg		94	58 - 122	1	30
Acrolein			0.300	0.251		mg/Kg		84	54 - 158	1	30
Acrylonitrile			0.200	0.217		mg/Kg		108	56 - 120	5	30
Benzene			0.0200	0.0187		mg/Kg		94	75 - 120	1	30
Bromoform			0.0200	0.0214		mg/Kg		107	61 - 125	3	30
Bromomethane			0.0200	0.0164		mg/Kg		82	37 - 150	11	30
Carbon disulfide			0.0200	0.0193		mg/Kg		97	57 - 133	2	30
Carbon tetrachloride			0.0200	0.0172		mg/Kg		86	66 - 127	5	30
Chlorobenzene			0.0200	0.0179		mg/Kg		89	80 - 120	3	30
Chlorobromomethane			0.0200	0.0187		mg/Kg		93	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0192		mg/Kg		96	72 - 120	1	30
Chloroethane			0.0200	0.0153		mg/Kg		76	60 - 123	12	30
Chloroform			0.0200	0.0181		mg/Kg		90	79 - 126	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1040884/4
Matrix: Solid
Analysis Batch: 1040884

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	0.0200	0.0172		mg/Kg		86	46 - 122	15	30
cis-1,2-Dichloroethene	0.0200	0.0179		mg/Kg		90	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0172		mg/Kg		86	75 - 120	1	30
Cyclohexane	0.0200	0.0179		mg/Kg		90	65 - 132	4	30
Dichlorobromomethane	0.0200	0.0181		mg/Kg		91	77 - 124	0	30
Dichlorodifluoromethane	0.0200	0.0147		mg/Kg		74	45 - 129	12	30
Ethylbenzene	0.0200	0.0173		mg/Kg		86	80 - 120	5	30
Ethylene Dibromide	0.0200	0.0178		mg/Kg		89	79 - 120	0	30
Isopropylbenzene	0.0200	0.0174		mg/Kg		87	74 - 120	2	30
Methyl acetate	0.0400	0.0462		mg/Kg		116	57 - 120	7	30
Methyl tert-butyl ether	0.0200	0.0173		mg/Kg		86	74 - 125	2	30
Methylcyclohexane	0.0200	0.0180		mg/Kg		90	66 - 125	5	30
Methylene Chloride	0.0200	0.0189		mg/Kg		94	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0171		mg/Kg		86	80 - 120	2	30
o-Xylene	0.0200	0.0171		mg/Kg		85	80 - 120	3	30
Styrene	0.0200	0.0167		mg/Kg		84	80 - 120	1	30
TBA	0.200	0.170		mg/Kg		85	79 - 120	0	30
Tetrachloroethene	0.0200	0.0186		mg/Kg		93	73 - 120	5	30
Toluene	0.0200	0.0171		mg/Kg		86	80 - 120	4	30
trans-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	78 - 120	3	30
trans-1,3-Dichloropropene	0.0200	0.0165		mg/Kg		82	77 - 120	1	30
Trichloroethene	0.0200	0.0171		mg/Kg		85	80 - 120	0	30
Trichlorofluoromethane	0.0200	0.0158		mg/Kg		79	61 - 130	10	30
Vinyl chloride	0.0200	0.0164		mg/Kg		82	54 - 122	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*81*		*71 - 128*
Dibromofluoromethane (Surr)	*98*		*50 - 150*
Toluene-d8 (Surr)	*94*		*71 - 126*

Lab Sample ID: MB 460-1040885/8
Matrix: Solid
Analysis Batch: 1040885

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 06:57	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 06:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 06:57	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 06:57	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 06:57	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 06:57	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/02/25 06:57	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 06:57	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 06:57	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 06:57	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 06:57	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 06:57	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1040885/8
Matrix: Solid
Analysis Batch: 1040885

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/02/25 06:57	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 06:57	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/02/25 06:57	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/02/25 06:57	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/02/25 06:57	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/02/25 06:57	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			06/02/25 06:57	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			06/02/25 06:57	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/02/25 06:57	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/02/25 06:57	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/02/25 06:57	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 06:57	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/02/25 06:57	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 06:57	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 06:57	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/02/25 06:57	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 06:57	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/02/25 06:57	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/02/25 06:57	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 06:57	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 06:57	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/02/25 06:57	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/02/25 06:57	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/02/25 06:57	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/02/25 06:57	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 06:57	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/02/25 06:57	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/02/25 06:57	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 06:57	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 06:57	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/02/25 06:57	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 06:57	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 06:57	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/02/25 06:57	1
TBA	0.010	U	0.010	0.0078	mg/Kg			06/02/25 06:57	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/02/25 06:57	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 06:57	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/02/25 06:57	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 06:57	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/02/25 06:57	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/02/25 06:57	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/02/25 06:57	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*06/02/25 06:57*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*		*06/02/25 06:57*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1040885/8
Matrix: Solid
Analysis Batch: 1040885

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*116*		*71 - 128*		*06/02/25 06:57*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*		*06/02/25 06:57*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*06/02/25 06:57*	*1*

Lab Sample ID: LCS 460-1040885/3
Matrix: Solid
Analysis Batch: 1040885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0205		mg/Kg		103	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0189		mg/Kg		94	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0234		mg/Kg		117	75 - 121
1,1,2-Trichloroethane	0.0200	0.0183		mg/Kg		92	80 - 120
1,1-Dichloroethane	0.0200	0.0213		mg/Kg		107	72 - 120
1,1-Dichloroethene	0.0200	0.0206		mg/Kg		103	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0211		mg/Kg		106	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0226		mg/Kg		113	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0156	*	mg/Kg		78	80 - 124
1,2-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
1,2-Dichloroethane	0.0200	0.0205		mg/Kg		102	70 - 123
1,2-Dichloropropane	0.0200	0.0212		mg/Kg		106	73 - 124
1,3-Dichlorobenzene	0.0200	0.0201		mg/Kg		101	80 - 120
1,4-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
2-Butanone (MEK)	0.100	0.0903		mg/Kg		90	64 - 128
2-Hexanone	0.100	0.0972		mg/Kg		97	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0966		mg/Kg		97	80 - 120
Acetone	0.100	0.105		mg/Kg		105	58 - 122
Acrolein	0.300	0.266		mg/Kg		89	54 - 158
Acrylonitrile	0.200	0.198		mg/Kg		99	56 - 120
Benzene	0.0200	0.0197		mg/Kg		99	75 - 120
Bromoform	0.0200	0.0172		mg/Kg		86	61 - 125
Bromomethane	0.0200	0.0204		mg/Kg		102	37 - 150
Carbon disulfide	0.0200	0.0221		mg/Kg		111	57 - 133
Carbon tetrachloride	0.0200	0.0205		mg/Kg		103	66 - 127
Chlorobenzene	0.0200	0.0193		mg/Kg		96	80 - 120
Chlorobromomethane	0.0200	0.0197		mg/Kg		98	76 - 127
Chlorodibromomethane	0.0200	0.0175		mg/Kg		88	72 - 120
Chloroethane	0.0200	0.0200		mg/Kg		100	60 - 123
Chloroform	0.0200	0.0206		mg/Kg		103	79 - 126
Chloromethane	0.0200	0.0192		mg/Kg		96	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0206		mg/Kg		103	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0195		mg/Kg		97	75 - 120
Cyclohexane	0.0200	0.0217		mg/Kg		108	65 - 132
Dichlorobromomethane	0.0200	0.0189		mg/Kg		94	77 - 124
Dichlorodifluoromethane	0.0200	0.0185		mg/Kg		92	45 - 129
Ethylbenzene	0.0200	0.0193		mg/Kg		96	80 - 120
Ethylene Dibromide	0.0200	0.0181		mg/Kg		91	79 - 120
Isopropylbenzene	0.0200	0.0192		mg/Kg		96	74 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1040885/3
Matrix: Solid
Analysis Batch: 1040885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	0.0400	0.0478		mg/Kg		120	57 - 120
Methyl tert-butyl ether	0.0200	0.0197		mg/Kg		98	74 - 125
Methylcyclohexane	0.0200	0.0211		mg/Kg		106	66 - 125
Methylene Chloride	0.0200	0.0202		mg/Kg		101	78 - 120
m-Xylene & p-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120
o-Xylene	0.0200	0.0185		mg/Kg		92	80 - 120
Styrene	0.0200	0.0181		mg/Kg		91	80 - 120
TBA	0.200	0.175		mg/Kg		88	79 - 120
Tetrachloroethene	0.0200	0.0202		mg/Kg		101	73 - 120
Toluene	0.0200	0.0185		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0211		mg/Kg		105	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	77 - 120
Trichloroethene	0.0200	0.0205		mg/Kg		102	80 - 120
Trichlorofluoromethane	0.0200	0.0188		mg/Kg		94	61 - 130
Vinyl chloride	0.0200	0.0191		mg/Kg		96	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*
4-Bromofluorobenzene	*110*		*71 - 128*
Dibromofluoromethane (Surr)	*107*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: LCSD 460-1040885/4
Matrix: Solid
Analysis Batch: 1040885

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0215		mg/Kg		107	78 - 120	5	30
1,1,2,2-Tetrachloroethane	0.0200	0.0204		mg/Kg		102	70 - 133	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0250	*	mg/Kg		125	75 - 121	7	30
1,1,2-Trichloroethane	0.0200	0.0203		mg/Kg		102	80 - 120	10	30
1,1-Dichloroethane	0.0200	0.0229		mg/Kg		115	72 - 120	7	30
1,1-Dichloroethene	0.0200	0.0226		mg/Kg		113	76 - 120	9	30
1,2,3-Trichlorobenzene	0.0200	0.0230		mg/Kg		115	77 - 137	9	30
1,2,4-Trichlorobenzene	0.0200	0.0242		mg/Kg		121	77 - 136	7	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0168		mg/Kg		84	80 - 124	8	30
1,2-Dichlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120	5	30
1,2-Dichloroethane	0.0200	0.0216		mg/Kg		108	70 - 123	5	30
1,2-Dichloropropane	0.0200	0.0227		mg/Kg		113	73 - 124	7	30
1,3-Dichlorobenzene	0.0200	0.0209		mg/Kg		104	80 - 120	4	30
1,4-Dichlorobenzene	0.0200	0.0215		mg/Kg		108	80 - 120	6	30
2-Butanone (MEK)	0.100	0.0931		mg/Kg		93	64 - 128	3	30
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.102		mg/Kg		102	80 - 120	6	30
Acetone	0.100	0.106		mg/Kg		106	58 - 122	1	30
Acrolein	0.300	0.288		mg/Kg		96	54 - 158	8	30
Acrylonitrile	0.200	0.210		mg/Kg		105	56 - 120	6	30
Benzene	0.0200	0.0212		mg/Kg		106	75 - 120	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1040885/4
Matrix: Solid
Analysis Batch: 1040885

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromoform			0.0200	0.0187		mg/Kg		94	61 - 125	8	30
Bromomethane			0.0200	0.0208		mg/Kg		104	37 - 150	2	30
Carbon disulfide			0.0200	0.0237		mg/Kg		119	57 - 133	7	30
Carbon tetrachloride			0.0200	0.0218		mg/Kg		109	66 - 127	6	30
Chlorobenzene			0.0200	0.0200		mg/Kg		100	80 - 120	3	30
Chlorobromomethane			0.0200	0.0208		mg/Kg		104	76 - 127	6	30
Chlorodibromomethane			0.0200	0.0191		mg/Kg		95	72 - 120	9	30
Chloroethane			0.0200	0.0204		mg/Kg		102	60 - 123	2	30
Chloroform			0.0200	0.0217		mg/Kg		108	79 - 126	5	30
Chloromethane			0.0200	0.0203		mg/Kg		101	46 - 122	5	30
cis-1,2-Dichloroethene			0.0200	0.0212		mg/Kg		106	80 - 123	3	30
cis-1,3-Dichloropropene			0.0200	0.0202		mg/Kg		101	75 - 120	4	30
Cyclohexane			0.0200	0.0232		mg/Kg		116	65 - 132	7	30
Dichlorobromomethane			0.0200	0.0201		mg/Kg		100	77 - 124	6	30
Dichlorodifluoromethane			0.0200	0.0187		mg/Kg		94	45 - 129	1	30
Ethylbenzene			0.0200	0.0209		mg/Kg		104	80 - 120	8	30
Ethylene Dibromide			0.0200	0.0195		mg/Kg		97	79 - 120	7	30
Isopropylbenzene			0.0200	0.0210		mg/Kg		105	74 - 120	9	30
Methyl acetate			0.0400	0.0484	*	mg/Kg		121	57 - 120	1	30
Methyl tert-butyl ether			0.0200	0.0208		mg/Kg		104	74 - 125	6	30
Methylcyclohexane			0.0200	0.0224		mg/Kg		112	66 - 125	6	30
Methylene Chloride			0.0200	0.0215		mg/Kg		108	78 - 120	7	30
m-Xylene & p-Xylene			0.0200	0.0203		mg/Kg		102	80 - 120	8	30
o-Xylene			0.0200	0.0209		mg/Kg		104	80 - 120	12	30
Styrene			0.0200	0.0197		mg/Kg		98	80 - 120	8	30
TBA			0.200	0.185		mg/Kg		92	79 - 120	5	30
Tetrachloroethene			0.0200	0.0222		mg/Kg		111	73 - 120	9	30
Toluene			0.0200	0.0197		mg/Kg		99	80 - 120	6	30
trans-1,2-Dichloroethene			0.0200	0.0221		mg/Kg		111	78 - 120	5	30
trans-1,3-Dichloropropene			0.0200	0.0196		mg/Kg		98	77 - 120	9	30
Trichloroethene			0.0200	0.0209		mg/Kg		105	80 - 120	2	30
Trichlorofluoromethane			0.0200	0.0194		mg/Kg		97	61 - 130	3	30
Vinyl chloride			0.0200	0.0204		mg/Kg		102	54 - 122	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*115*		*71 - 128*
Dibromofluoromethane (Surr)	*113*		*50 - 150*
Toluene-d8 (Surr)	*105*		*71 - 126*

Lab Sample ID: MB 460-1041006/8
Matrix: Solid
Analysis Batch: 1041006

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 19:11	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 19:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 19:11	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1041006/8
Matrix: Solid
Analysis Batch: 1041006

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 19:11	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 19:11	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 19:11	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/02/25 19:11	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 19:11	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 19:11	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 19:11	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 19:11	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 19:11	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/02/25 19:11	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 19:11	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/02/25 19:11	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/02/25 19:11	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/02/25 19:11	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/02/25 19:11	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			06/02/25 19:11	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			06/02/25 19:11	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/02/25 19:11	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/02/25 19:11	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/02/25 19:11	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 19:11	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/02/25 19:11	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 19:11	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 19:11	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/02/25 19:11	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 19:11	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/02/25 19:11	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/02/25 19:11	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 19:11	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 19:11	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/02/25 19:11	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/02/25 19:11	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/02/25 19:11	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/02/25 19:11	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 19:11	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/02/25 19:11	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/02/25 19:11	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 19:11	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 19:11	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/02/25 19:11	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 19:11	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 19:11	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/02/25 19:11	1
TBA	0.010	U	0.010	0.0078	mg/Kg			06/02/25 19:11	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/02/25 19:11	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 19:11	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/02/25 19:11	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 19:11	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/02/25 19:11	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1041006/8
Matrix: Solid
Analysis Batch: 1041006

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/02/25 19:11	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/02/25 19:11	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*06/02/25 19:11*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*		*06/02/25 19:11*	*1*
4-Bromofluorobenzene	*117*		*71 - 128*		*06/02/25 19:11*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*		*06/02/25 19:11*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*06/02/25 19:11*	*1*

Lab Sample ID: LCS 460-1041006/3
Matrix: Solid
Analysis Batch: 1041006

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0204		mg/Kg		102	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0196		mg/Kg		98	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0229		mg/Kg		115	75 - 121
1,1,2-Trichloroethane	0.0200	0.0193		mg/Kg		97	80 - 120
1,1-Dichloroethane	0.0200	0.0222		mg/Kg		111	72 - 120
1,1-Dichloroethene	0.0200	0.0201		mg/Kg		101	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0219		mg/Kg		109	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0229		mg/Kg		115	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0169		mg/Kg		84	80 - 124
1,2-Dichlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120
1,2-Dichloroethane	0.0200	0.0212		mg/Kg		106	70 - 123
1,2-Dichloropropane	0.0200	0.0227		mg/Kg		113	73 - 124
1,3-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120
1,4-Dichlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120
2-Butanone (MEK)	0.100	0.0929		mg/Kg		93	64 - 128
2-Hexanone	0.100	0.101		mg/Kg		101	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0975		mg/Kg		98	80 - 120
Acetone	0.100	0.104		mg/Kg		104	58 - 122
Acrolein	0.300	0.320		mg/Kg		107	54 - 158
Acrylonitrile	0.200	0.210		mg/Kg		105	56 - 120
Benzene	0.0200	0.0199		mg/Kg		99	75 - 120
Bromoform	0.0200	0.0177		mg/Kg		88	61 - 125
Bromomethane	0.0200	0.0233		mg/Kg		116	37 - 150
Carbon disulfide	0.0200	0.0200		mg/Kg		100	57 - 133
Carbon tetrachloride	0.0200	0.0211		mg/Kg		105	66 - 127
Chlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0199		mg/Kg		99	76 - 127
Chlorodibromomethane	0.0200	0.0180		mg/Kg		90	72 - 120
Chloroethane	0.0200	0.0225		mg/Kg		113	60 - 123
Chloroform	0.0200	0.0211		mg/Kg		105	79 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1041006/3
Matrix: Solid
Analysis Batch: 1041006

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	0.0200	0.0231		mg/Kg		116	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0212		mg/Kg		106	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0198		mg/Kg		99	75 - 120
Cyclohexane	0.0200	0.0212		mg/Kg		106	65 - 132
Dichlorobromomethane	0.0200	0.0195		mg/Kg		98	77 - 124
Dichlorodifluoromethane	0.0200	0.0230		mg/Kg		115	45 - 129
Ethylbenzene	0.0200	0.0197		mg/Kg		98	80 - 120
Ethylene Dibromide	0.0200	0.0197		mg/Kg		98	79 - 120
Isopropylbenzene	0.0200	0.0195		mg/Kg		97	74 - 120
Methyl acetate	0.0400	0.0492	*	mg/Kg		123	57 - 120
Methyl tert-butyl ether	0.0200	0.0206		mg/Kg		103	74 - 125
Methylcyclohexane	0.0200	0.0210		mg/Kg		105	66 - 125
Methylene Chloride	0.0200	0.0207		mg/Kg		104	78 - 120
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120
o-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120
Styrene	0.0200	0.0189		mg/Kg		94	80 - 120
TBA	0.200	0.185		mg/Kg		93	79 - 120
Tetrachloroethene	0.0200	0.0205		mg/Kg		102	73 - 120
Toluene	0.0200	0.0189		mg/Kg		94	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0211		mg/Kg		105	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	77 - 120
Trichloroethene	0.0200	0.0205		mg/Kg		102	80 - 120
Trichlorofluoromethane	0.0200	0.0223		mg/Kg		111	61 - 130
Vinyl chloride	0.0200	0.0225		mg/Kg		113	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*109*		*71 - 128*
Dibromofluoromethane (Surr)	*110*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: LCSD 460-1041006/26
Matrix: Solid
Analysis Batch: 1041006

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0214		mg/Kg		107	78 - 120	5	30
1,1,2,2-Tetrachloroethane	0.0200	0.0203		mg/Kg		101	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0229		mg/Kg		114	75 - 121	0	30
1,1,2-Trichloroethane	0.0200	0.0192		mg/Kg		96	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0225		mg/Kg		112	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0213		mg/Kg		107	76 - 120	6	30
1,2,3-Trichlorobenzene	0.0200	0.0195		mg/Kg		97	77 - 137	12	30
1,2,4-Trichlorobenzene	0.0200	0.0197		mg/Kg		99	77 - 136	15	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0176		mg/Kg		88	80 - 124	4	30
1,2-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	4	30
1,2-Dichloroethane	0.0200	0.0213		mg/Kg		107	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0224		mg/Kg		112	73 - 124	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1041006/26
Matrix: Solid
Analysis Batch: 1041006

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3-Dichlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120	10	30
1,4-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	4	30
2-Butanone (MEK)	0.100	0.0959		mg/Kg		96	64 - 128	3	30
2-Hexanone	0.100	0.109		mg/Kg		109	75 - 120	7	30
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 120	7	30
Acetone	0.100	0.106		mg/Kg		106	58 - 122	2	30
Acrolein	0.300	0.335		mg/Kg		112	54 - 158	5	30
Acrylonitrile	0.200	0.214		mg/Kg		107	56 - 120	2	30
Benzene	0.0200	0.0204		mg/Kg		102	75 - 120	3	30
Bromoform	0.0200	0.0170		mg/Kg		85	61 - 125	4	30
Bromomethane	0.0200	0.0223		mg/Kg		112	37 - 150	4	30
Carbon disulfide	0.0200	0.0198		mg/Kg		99	57 - 133	1	30
Carbon tetrachloride	0.0200	0.0204		mg/Kg		102	66 - 127	3	30
Chlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	0	30
Chlorobromomethane	0.0200	0.0196		mg/Kg		98	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0176		mg/Kg		88	72 - 120	2	30
Chloroethane	0.0200	0.0207		mg/Kg		103	60 - 123	9	30
Chloroform	0.0200	0.0221		mg/Kg		110	79 - 126	5	30
Chloromethane	0.0200	0.0209		mg/Kg		104	46 - 122	10	30
cis-1,2-Dichloroethene	0.0200	0.0205		mg/Kg		103	80 - 123	3	30
cis-1,3-Dichloropropene	0.0200	0.0202		mg/Kg		101	75 - 120	2	30
Cyclohexane	0.0200	0.0201		mg/Kg		101	65 - 132	6	30
Dichlorobromomethane	0.0200	0.0194		mg/Kg		97	77 - 124	1	30
Dichlorodifluoromethane	0.0200	0.0213		mg/Kg		107	45 - 129	8	30
Ethylbenzene	0.0200	0.0190		mg/Kg		95	80 - 120	3	30
Ethylene Dibromide	0.0200	0.0194		mg/Kg		97	79 - 120	1	30
Isopropylbenzene	0.0200	0.0178		mg/Kg		89	74 - 120	9	30
Methyl acetate	0.0400	0.0494	*	mg/Kg		124	57 - 120	1	30
Methyl tert-butyl ether	0.0200	0.0206		mg/Kg		103	74 - 125	0	30
Methylcyclohexane	0.0200	0.0180		mg/Kg		90	66 - 125	15	30
Methylene Chloride	0.0200	0.0215		mg/Kg		108	78 - 120	4	30
m-Xylene & p-Xylene	0.0200	0.0184		mg/Kg		92	80 - 120	4	30
o-Xylene	0.0200	0.0190		mg/Kg		95	80 - 120	3	30
Styrene	0.0200	0.0183		mg/Kg		91	80 - 120	3	30
TBA	0.200	0.210		mg/Kg		105	79 - 120	12	30
Tetrachloroethene	0.0200	0.0195		mg/Kg		98	73 - 120	5	30
Toluene	0.0200	0.0187		mg/Kg		93	80 - 120	1	30
trans-1,2-Dichloroethene	0.0200	0.0214		mg/Kg		107	78 - 120	1	30
trans-1,3-Dichloropropene	0.0200	0.0183		mg/Kg		91	77 - 120	3	30
Trichloroethene	0.0200	0.0206		mg/Kg		103	80 - 120	1	30
Trichlorofluoromethane	0.0200	0.0197		mg/Kg		98	61 - 130	13	30
Vinyl chloride	0.0200	0.0208		mg/Kg		104	54 - 122	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*
4-Bromofluorobenzene	*112*		*71 - 128*
Dibromofluoromethane (Surr)	*113*		*50 - 150*
Toluene-d8 (Surr)	*105*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1041007/9
Matrix: Solid
Analysis Batch: 1041007

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 19:41	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 19:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 19:41	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 19:41	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 19:41	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 19:41	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/02/25 19:41	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 19:41	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 19:41	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 19:41	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 19:41	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 19:41	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/02/25 19:41	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 19:41	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/02/25 19:41	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/02/25 19:41	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/02/25 19:41	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/02/25 19:41	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			06/02/25 19:41	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			06/02/25 19:41	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/02/25 19:41	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/02/25 19:41	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/02/25 19:41	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 19:41	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/02/25 19:41	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 19:41	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 19:41	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/02/25 19:41	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 19:41	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/02/25 19:41	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/02/25 19:41	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 19:41	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 19:41	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/02/25 19:41	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/02/25 19:41	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/02/25 19:41	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/02/25 19:41	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 19:41	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/02/25 19:41	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/02/25 19:41	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 19:41	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 19:41	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/02/25 19:41	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 19:41	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 19:41	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/02/25 19:41	1
TBA	0.010	U	0.010	0.0078	mg/Kg			06/02/25 19:41	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/02/25 19:41	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1041007/9
Matrix: Solid
Analysis Batch: 1041007

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 19:41	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/02/25 19:41	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 19:41	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/02/25 19:41	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/02/25 19:41	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/02/25 19:41	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*06/02/25 19:41*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*		*06/02/25 19:41*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*		*06/02/25 19:41*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*		*06/02/25 19:41*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*06/02/25 19:41*	*1*

Lab Sample ID: LCS 460-1041007/5
Matrix: Solid
Analysis Batch: 1041007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0173		mg/Kg		87	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0185		mg/Kg		93	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0164		mg/Kg		82	75 - 121
1,1,2-Trichloroethane	0.0200	0.0189		mg/Kg		94	80 - 120
1,1-Dichloroethane	0.0200	0.0199		mg/Kg		99	72 - 120
1,1-Dichloroethene	0.0200	0.0180		mg/Kg		90	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0152	*	mg/Kg		76	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0152	*	mg/Kg		76	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0196		mg/Kg		98	80 - 124
1,2-Dichlorobenzene	0.0200	0.0172		mg/Kg		86	80 - 120
1,2-Dichloroethane	0.0200	0.0174		mg/Kg		87	70 - 123
1,2-Dichloropropane	0.0200	0.0201		mg/Kg		100	73 - 124
1,3-Dichlorobenzene	0.0200	0.0167		mg/Kg		84	80 - 120
1,4-Dichlorobenzene	0.0200	0.0172		mg/Kg		86	80 - 120
2-Butanone (MEK)	0.100	0.0832		mg/Kg		83	64 - 128
2-Hexanone	0.100	0.0966		mg/Kg		97	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0945		mg/Kg		94	80 - 120
Acetone	0.100	0.102		mg/Kg		102	58 - 122
Acrolein	0.300	0.329		mg/Kg		110	54 - 158
Acrylonitrile	0.200	0.222		mg/Kg		111	56 - 120
Benzene	0.0200	0.0194		mg/Kg		97	75 - 120
Bromoform	0.0200	0.0216		mg/Kg		108	61 - 125
Bromomethane	0.0200	0.0210		mg/Kg		105	37 - 150
Carbon disulfide	0.0200	0.0177		mg/Kg		89	57 - 133
Carbon tetrachloride	0.0200	0.0175		mg/Kg		88	66 - 127
Chlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1041007/5
Matrix: Solid
Analysis Batch: 1041007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0188		mg/Kg		94	76 - 127
Chlorodibromomethane	0.0200	0.0198		mg/Kg		99	72 - 120
Chloroethane	0.0200	0.0191		mg/Kg		96	60 - 123
Chloroform	0.0200	0.0186		mg/Kg		93	79 - 126
Chloromethane	0.0200	0.0200		mg/Kg		100	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0181		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0160		mg/Kg		80	65 - 132
Dichlorobromomethane	0.0200	0.0186		mg/Kg		93	77 - 124
Dichlorodifluoromethane	0.0200	0.0175		mg/Kg		87	45 - 129
Ethylbenzene	0.0200	0.0175		mg/Kg		88	80 - 120
Ethylene Dibromide	0.0200	0.0185		mg/Kg		93	79 - 120
Isopropylbenzene	0.0200	0.0162		mg/Kg		81	74 - 120
Methyl acetate	0.0400	0.0462		mg/Kg		116	57 - 120
Methyl tert-butyl ether	0.0200	0.0174		mg/Kg		87	74 - 125
Methylcyclohexane	0.0200	0.0143		mg/Kg		71	66 - 125
Methylene Chloride	0.0200	0.0190		mg/Kg		95	78 - 120
m-Xylene & p-Xylene	0.0200	0.0173		mg/Kg		87	80 - 120
o-Xylene	0.0200	0.0174		mg/Kg		87	80 - 120
Styrene	0.0200	0.0171		mg/Kg		86	80 - 120
TBA	0.200	0.193		mg/Kg		97	79 - 120
Tetrachloroethene	0.0200	0.0188		mg/Kg		94	73 - 120
Toluene	0.0200	0.0183		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0173		mg/Kg		87	77 - 120
Trichloroethene	0.0200	0.0181		mg/Kg		91	80 - 120
Trichlorofluoromethane	0.0200	0.0186		mg/Kg		93	61 - 130
Vinyl chloride	0.0200	0.0211		mg/Kg		105	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*
4-Bromofluorobenzene	*90*		*71 - 128*
Dibromofluoromethane (Surr)	*103*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: LCSD 460-1041007/6
Matrix: Solid
Analysis Batch: 1041007

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0179		mg/Kg		89	78 - 120	3	30
1,1,2,2-Tetrachloroethane	0.0200	0.0179		mg/Kg		90	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0188		mg/Kg		94	75 - 121	14	30
1,1,2-Trichloroethane	0.0200	0.0192		mg/Kg		96	80 - 120	2	30
1,1-Dichloroethane	0.0200	0.0201		mg/Kg		100	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0187		mg/Kg		93	76 - 120	3	30
1,2,3-Trichlorobenzene	0.0200	0.0177		mg/Kg		89	77 - 137	15	30
1,2,4-Trichlorobenzene	0.0200	0.0177		mg/Kg		89	77 - 136	15	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1041007/6
Matrix: Solid
Analysis Batch: 1041007

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0200	0.0184		mg/Kg		92	80 - 124	6	30
1,2-Dichlorobenzene	0.0200	0.0179		mg/Kg		90	80 - 120	4	30
1,2-Dichloroethane	0.0200	0.0175		mg/Kg		88	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0203		mg/Kg		101	73 - 124	1	30
1,3-Dichlorobenzene	0.0200	0.0177		mg/Kg		88	80 - 120	5	30
1,4-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120	7	30
2-Butanone (MEK)	0.100	0.0810		mg/Kg		81	64 - 128	3	30
2-Hexanone	0.100	0.0947		mg/Kg		95	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0951		mg/Kg		95	80 - 120	1	30
Acetone	0.100	0.101		mg/Kg		101	58 - 122	1	30
Acrolein	0.300	0.321		mg/Kg		107	54 - 158	2	30
Acrylonitrile	0.200	0.235		mg/Kg		118	56 - 120	6	30
Benzene	0.0200	0.0196		mg/Kg		98	75 - 120	1	30
Bromoform	0.0200	0.0220		mg/Kg		110	61 - 125	2	30
Bromomethane	0.0200	0.0214		mg/Kg		107	37 - 150	2	30
Carbon disulfide	0.0200	0.0185		mg/Kg		92	57 - 133	4	30
Carbon tetrachloride	0.0200	0.0184		mg/Kg		92	66 - 127	5	30
Chlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	5	30
Chlorobromomethane	0.0200	0.0192		mg/Kg		96	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0202		mg/Kg		101	72 - 120	2	30
Chloroethane	0.0200	0.0189		mg/Kg		94	60 - 123	1	30
Chloroform	0.0200	0.0187		mg/Kg		93	79 - 126	0	30
Chloromethane	0.0200	0.0207		mg/Kg		103	46 - 122	3	30
cis-1,2-Dichloroethene	0.0200	0.0190		mg/Kg		95	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		92	75 - 120	2	30
Cyclohexane	0.0200	0.0187		mg/Kg		93	65 - 132	16	30
Dichlorobromomethane	0.0200	0.0191		mg/Kg		96	77 - 124	3	30
Dichlorodifluoromethane	0.0200	0.0184		mg/Kg		92	45 - 129	5	30
Ethylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120	9	30
Ethylene Dibromide	0.0200	0.0189		mg/Kg		94	79 - 120	2	30
Isopropylbenzene	0.0200	0.0183		mg/Kg		92	74 - 120	13	30
Methyl acetate	0.0400	0.0430		mg/Kg		107	57 - 120	7	30
Methyl tert-butyl ether	0.0200	0.0178		mg/Kg		89	74 - 125	3	30
Methylcyclohexane	0.0200	0.0191		mg/Kg		95	66 - 125	29	30
Methylene Chloride	0.0200	0.0195		mg/Kg		97	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0187		mg/Kg		93	80 - 120	7	30
o-Xylene	0.0200	0.0187		mg/Kg		93	80 - 120	7	30
Styrene	0.0200	0.0179		mg/Kg		90	80 - 120	4	30
TBA	0.200	0.186		mg/Kg		93	79 - 120	4	30
Tetrachloroethene	0.0200	0.0202		mg/Kg		101	73 - 120	7	30
Toluene	0.0200	0.0189		mg/Kg		94	80 - 120	3	30
trans-1,2-Dichloroethene	0.0200	0.0198		mg/Kg		99	78 - 120	1	30
trans-1,3-Dichloropropene	0.0200	0.0177		mg/Kg		88	77 - 120	2	30
Trichloroethene	0.0200	0.0185		mg/Kg		93	80 - 120	2	30
Trichlorofluoromethane	0.0200	0.0192		mg/Kg		96	61 - 130	4	30
Vinyl chloride	0.0200	0.0206		mg/Kg		103	54 - 122	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1041007/6
Matrix: Solid
Analysis Batch: 1041007

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*
4-Bromofluorobenzene	*92*		*71 - 128*
Dibromofluoromethane (Surr)	*105*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: MB 460-1041146/9
Matrix: Solid
Analysis Batch: 1041146

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.050	U	0.050	0.014	mg/Kg			06/03/25 11:37	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			06/03/25 11:37	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.017	mg/Kg			06/03/25 11:37	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			06/03/25 11:37	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			06/03/25 11:37	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			06/03/25 11:37	50
1,2,3-Trichlorobenzene	0.050	U	0.050	0.018	mg/Kg			06/03/25 11:37	50
1,2,4-Trichlorobenzene	0.050	U	0.050	0.014	mg/Kg			06/03/25 11:37	50
1,2-Dibromo-3-Chloropropane	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
1,2-Dichlorobenzene	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			06/03/25 11:37	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			06/03/25 11:37	50
1,3-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			06/03/25 11:37	50
1,4-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			06/03/25 11:37	50
2-Butanone (MEK)	0.25	U	0.25	0.11	mg/Kg			06/03/25 11:37	50
2-Hexanone	0.25	U	0.25	0.057	mg/Kg			06/03/25 11:37	50
4-Methyl-2-pentanone (MIBK)	0.25	U	0.25	0.065	mg/Kg			06/03/25 11:37	50
Acetone	0.25	U	0.25	0.22	mg/Kg			06/03/25 11:37	50
Acrolein	0.25	U	0.25	0.12	mg/Kg			06/03/25 11:37	50
Acrylonitrile	0.50	U	0.50	0.091	mg/Kg			06/03/25 11:37	50
Benzene	0.050	U	0.050	0.010	mg/Kg			06/03/25 11:37	50
Bromoform	0.050	U	0.050	0.0090	mg/Kg			06/03/25 11:37	50
Bromomethane	0.050	U	0.050	0.028	mg/Kg			06/03/25 11:37	50
Carbon disulfide	0.050	U	0.050	0.034	mg/Kg			06/03/25 11:37	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			06/03/25 11:37	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			06/03/25 11:37	50
Chlorobromomethane	0.050	U	0.050	0.015	mg/Kg			06/03/25 11:37	50
Chlorodibromomethane	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			06/03/25 11:37	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			06/03/25 11:37	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			06/03/25 11:37	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
Cyclohexane	0.050	U	0.050	0.013	mg/Kg			06/03/25 11:37	50
Dichlorobromomethane	0.050	U	0.050	0.0075	mg/Kg			06/03/25 11:37	50
Dichlorodifluoromethane	0.050	U	0.050	0.016	mg/Kg			06/03/25 11:37	50
Ethylbenzene	0.050	U	0.050	0.015	mg/Kg			06/03/25 11:37	50
Ethylene Dibromide	0.050	U	0.050	0.0095	mg/Kg			06/03/25 11:37	50

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1041146/9
Matrix: Solid
Analysis Batch: 1041146

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.050	U	0.050	0.016	mg/Kg			06/03/25 11:37	50
Methyl acetate	0.25	U	0.25	0.039	mg/Kg			06/03/25 11:37	50
Methyl tert-butyl ether	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
Methylcyclohexane	0.050	U	0.050	0.036	mg/Kg			06/03/25 11:37	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
m-Xylene & p-Xylene	0.050	U	0.050	0.014	mg/Kg			06/03/25 11:37	50
o-Xylene	0.050	U	0.050	0.016	mg/Kg			06/03/25 11:37	50
Styrene	0.050	U	0.050	0.0085	mg/Kg			06/03/25 11:37	50
TBA	0.50	U	0.50	0.41	mg/Kg			06/03/25 11:37	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			06/03/25 11:37	50
Toluene	0.050	U	0.050	0.013	mg/Kg			06/03/25 11:37	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			06/03/25 11:37	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
Trichlorofluoromethane	0.050	U	0.050	0.016	mg/Kg			06/03/25 11:37	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			06/03/25 11:37	50

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*06/03/25 11:37*	*50*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*60 - 150*		*06/03/25 11:37*	*50*
4-Bromofluorobenzene	*100*		*70 - 150*		*06/03/25 11:37*	*50*
Dibromofluoromethane (Surr)	*106*		*68 - 150*		*06/03/25 11:37*	*50*
Toluene-d8 (Surr)	*99*		*64 - 157*		*06/03/25 11:37*	*50*

Lab Sample ID: LCS 460-1041146/3
Matrix: Solid
Analysis Batch: 1041146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.00	0.953		mg/Kg		95	76 - 120
1,1,2,2-Tetrachloroethane	1.00	1.10		mg/Kg		110	72 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.08		mg/Kg		108	79 - 120
1,1,2-Trichloroethane	1.00	1.01		mg/Kg		101	80 - 120
1,1-Dichloroethane	1.00	0.980		mg/Kg		98	70 - 120
1,1-Dichloroethene	1.00	1.08		mg/Kg		108	69 - 120
1,2,3-Trichlorobenzene	1.00	1.15		mg/Kg		115	80 - 137
1,2,4-Trichlorobenzene	1.00	0.995		mg/Kg		100	80 - 134
1,2-Dibromo-3-Chloropropane	1.00	0.875		mg/Kg		87	68 - 134
1,2-Dichlorobenzene	1.00	1.04		mg/Kg		104	80 - 120
1,2-Dichloroethane	1.00	1.07		mg/Kg		107	72 - 124
1,2-Dichloropropane	1.00	0.957		mg/Kg		96	74 - 120
1,3-Dichlorobenzene	1.00	1.03		mg/Kg		103	80 - 120
1,4-Dichlorobenzene	1.00	1.02		mg/Kg		102	80 - 120
2-Butanone (MEK)	5.00	5.09		mg/Kg		102	64 - 121
2-Hexanone	5.00	4.88		mg/Kg		98	70 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1041146/3
Matrix: Solid
Analysis Batch: 1041146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	5.00	4.95		mg/Kg		99	64 - 127
Acetone	5.00	5.17		mg/Kg		103	52 - 127
Acrolein	2.00	2.34		mg/Kg		117	10 - 150
Acrylonitrile	10.0	10.0		mg/Kg		100	50 - 130
Benzene	1.00	0.996		mg/Kg		100	75 - 120
Bromoform	1.00	0.923		mg/Kg		92	68 - 122
Bromomethane	1.00	0.973		mg/Kg		97	16 - 125
Carbon disulfide	1.00	0.937		mg/Kg		94	59 - 127
Carbon tetrachloride	1.00	0.957		mg/Kg		96	77 - 120
Chlorobenzene	1.00	0.984		mg/Kg		98	80 - 120
Chlorobromomethane	1.00	0.991		mg/Kg		99	77 - 120
Chlorodibromomethane	1.00	1.04		mg/Kg		104	80 - 120
Chloroethane	1.00	0.920		mg/Kg		92	61 - 140
Chloroform	1.00	0.998		mg/Kg		100	73 - 120
Chloromethane	1.00	0.961		mg/Kg		96	42 - 136
cis-1,2-Dichloroethene	1.00	0.950		mg/Kg		95	73 - 120
cis-1,3-Dichloropropene	1.00	0.935		mg/Kg		93	79 - 120
Cyclohexane	1.00	1.09		mg/Kg		109	76 - 125
Dichlorobromomethane	1.00	0.949		mg/Kg		95	77 - 120
Dichlorodifluoromethane	1.00	0.859		mg/Kg		86	39 - 140
Ethylbenzene	1.00	0.956		mg/Kg		96	80 - 121
Ethylene Dibromide	1.00	1.07		mg/Kg		107	80 - 120
Isopropylbenzene	1.00	1.05		mg/Kg		105	74 - 125
Methyl acetate	2.00	2.08		mg/Kg		104	40 - 130
Methyl tert-butyl ether	1.00	0.976		mg/Kg		98	77 - 125
Methylcyclohexane	1.00	1.04		mg/Kg		104	75 - 127
Methylene Chloride	1.00	0.964		mg/Kg		96	73 - 120
m-Xylene & p-Xylene	1.00	1.00		mg/Kg		100	79 - 120
o-Xylene	1.00	0.947		mg/Kg		95	80 - 123
Styrene	1.00	0.976		mg/Kg		98	80 - 124
TBA	10.0	10.4		mg/Kg		104	75 - 120
Tetrachloroethene	1.00	0.882		mg/Kg		88	78 - 120
Toluene	1.00	1.01		mg/Kg		101	80 - 120
trans-1,2-Dichloroethene	1.00	0.996		mg/Kg		100	70 - 120
trans-1,3-Dichloropropene	1.00	1.02		mg/Kg		102	73 - 120
Trichloroethene	1.00	0.987		mg/Kg		99	77 - 120
Trichlorofluoromethane	1.00	1.10		mg/Kg		110	61 - 143
Vinyl chloride	1.00	0.934		mg/Kg		93	50 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 150*
4-Bromofluorobenzene	*101*		*70 - 150*
Dibromofluoromethane (Surr)	*104*		*68 - 150*
Toluene-d8 (Surr)	*101*		*64 - 157*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1041146/4
Matrix: Solid
Analysis Batch: 1041146

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			1.00	1.02		mg/Kg		102	76 - 120	6	30
1,1,2,2-Tetrachloroethane			1.00	1.12		mg/Kg		112	72 - 120	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			1.00	1.15		mg/Kg		115	79 - 120	6	30
1,1,2-Trichloroethane			1.00	0.947		mg/Kg		95	80 - 120	7	30
1,1-Dichloroethane			1.00	0.960		mg/Kg		96	70 - 120	2	30
1,1-Dichloroethene			1.00	1.04		mg/Kg		104	69 - 120	4	30
1,2,3-Trichlorobenzene			1.00	1.14		mg/Kg		114	80 - 137	1	30
1,2,4-Trichlorobenzene			1.00	1.04		mg/Kg		104	80 - 134	5	30
1,2-Dibromo-3-Chloropropane			1.00	0.952		mg/Kg		95	68 - 134	9	30
1,2-Dichlorobenzene			1.00	1.02		mg/Kg		102	80 - 120	1	30
1,2-Dichloroethane			1.00	1.10		mg/Kg		110	72 - 124	3	30
1,2-Dichloropropane			1.00	0.974		mg/Kg		97	74 - 120	2	30
1,3-Dichlorobenzene			1.00	1.01		mg/Kg		101	80 - 120	2	30
1,4-Dichlorobenzene			1.00	1.05		mg/Kg		105	80 - 120	3	30
2-Butanone (MEK)			5.00	5.19		mg/Kg		104	64 - 121	2	30
2-Hexanone			5.00	5.17		mg/Kg		103	70 - 120	6	30
4-Methyl-2-pentanone (MIBK)			5.00	4.90		mg/Kg		98	64 - 127	1	30
Acetone			5.00	5.18		mg/Kg		104	52 - 127	0	30
Acrolein			2.00	2.07		mg/Kg		103	10 - 150	12	30
Acrylonitrile			10.0	9.90		mg/Kg		99	50 - 130	1	30
Benzene			1.00	0.969		mg/Kg		97	75 - 120	3	30
Bromoform			1.00	0.924		mg/Kg		92	68 - 122	0	30
Bromomethane			1.00	0.965		mg/Kg		97	16 - 125	1	30
Carbon disulfide			1.00	0.964		mg/Kg		96	59 - 127	3	30
Carbon tetrachloride			1.00	0.963		mg/Kg		96	77 - 120	1	30
Chlorobenzene			1.00	0.958		mg/Kg		96	80 - 120	3	30
Chlorobromomethane			1.00	1.03		mg/Kg		103	77 - 120	4	30
Chlorodibromomethane			1.00	1.01		mg/Kg		101	80 - 120	3	30
Chloroethane			1.00	0.974		mg/Kg		97	61 - 140	6	30
Chloroform			1.00	1.02		mg/Kg		102	73 - 120	2	30
Chloromethane			1.00	0.957		mg/Kg		96	42 - 136	0	30
cis-1,2-Dichloroethene			1.00	0.988		mg/Kg		99	73 - 120	4	30
cis-1,3-Dichloropropene			1.00	0.976		mg/Kg		98	79 - 120	4	30
Cyclohexane			1.00	1.10		mg/Kg		110	76 - 125	2	30
Dichlorobromomethane			1.00	0.955		mg/Kg		95	77 - 120	1	30
Dichlorodifluoromethane			1.00	0.844		mg/Kg		84	39 - 140	2	30
Ethylbenzene			1.00	0.954		mg/Kg		95	80 - 121	0	30
Ethylene Dibromide			1.00	1.00		mg/Kg		100	80 - 120	7	30
Isopropylbenzene			1.00	0.995		mg/Kg		99	74 - 125	6	30
Methyl acetate			2.00	2.00		mg/Kg		100	40 - 130	4	30
Methyl tert-butyl ether			1.00	1.00		mg/Kg		100	77 - 125	3	30
Methylcyclohexane			1.00	1.05		mg/Kg		105	75 - 127	0	30
Methylene Chloride			1.00	1.02		mg/Kg		102	73 - 120	6	30
m-Xylene & p-Xylene			1.00	0.969		mg/Kg		97	79 - 120	4	30
o-Xylene			1.00	0.949		mg/Kg		95	80 - 123	0	30
Styrene			1.00	0.987		mg/Kg		99	80 - 124	1	30
TBA			10.0	9.76		mg/Kg		98	75 - 120	6	30
Tetrachloroethene			1.00	0.870		mg/Kg		87	78 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1041146/4
Matrix: Solid
Analysis Batch: 1041146

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			1.00	0.960		mg/Kg		96	80 - 120	5	30
trans-1,2-Dichloroethene			1.00	0.986		mg/Kg		99	70 - 120	1	30
trans-1,3-Dichloropropene			1.00	1.00		mg/Kg		100	73 - 120	1	30
Trichloroethene			1.00	1.01		mg/Kg		101	77 - 120	2	30
Trichlorofluoromethane			1.00	1.09		mg/Kg		109	61 - 143	1	30
Vinyl chloride			1.00	0.960		mg/Kg		96	50 - 131	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*60 - 150*
4-Bromofluorobenzene	*101*		*70 - 150*
Dibromofluoromethane (Surr)	*106*		*68 - 150*
Toluene-d8 (Surr)	*101*		*64 - 157*

Lab Sample ID: MB 460-1041319/7
Matrix: Solid
Analysis Batch: 1041319

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/04/25 01:42	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/04/25 01:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/04/25 01:42	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/04/25 01:42	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/04/25 01:42	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/04/25 01:42	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/04/25 01:42	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/04/25 01:42	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/04/25 01:42	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/04/25 01:42	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/04/25 01:42	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/04/25 01:42	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/04/25 01:42	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/04/25 01:42	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/04/25 01:42	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/04/25 01:42	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/04/25 01:42	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/04/25 01:42	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			06/04/25 01:42	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			06/04/25 01:42	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/04/25 01:42	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/04/25 01:42	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/04/25 01:42	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/04/25 01:42	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/04/25 01:42	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/04/25 01:42	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/04/25 01:42	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/04/25 01:42	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/04/25 01:42	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/04/25 01:42	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1041319/7
Matrix: Solid
Analysis Batch: 1041319

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/04/25 01:42	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/04/25 01:42	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/04/25 01:42	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/04/25 01:42	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/04/25 01:42	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/04/25 01:42	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/04/25 01:42	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/04/25 01:42	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/04/25 01:42	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/04/25 01:42	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/04/25 01:42	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/04/25 01:42	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/04/25 01:42	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/04/25 01:42	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/04/25 01:42	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/04/25 01:42	1
TBA	0.010	U	0.010	0.0078	mg/Kg			06/04/25 01:42	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/04/25 01:42	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/04/25 01:42	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/04/25 01:42	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/04/25 01:42	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/04/25 01:42	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/04/25 01:42	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/04/25 01:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*		*06/04/25 01:42*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*		*06/04/25 01:42*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*		*06/04/25 01:42*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*06/04/25 01:42*	*1*

Lab Sample ID: LCS 460-1041319/3
Matrix: Solid
Analysis Batch: 1041319

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0164		mg/Kg		82	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0172		mg/Kg		86	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0179		mg/Kg		90	75 - 121
1,1,2-Trichloroethane	0.0200	0.0180		mg/Kg		90	80 - 120
1,1-Dichloroethane	0.0200	0.0184		mg/Kg		92	72 - 120
1,1-Dichloroethene	0.0200	0.0177		mg/Kg		88	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0176		mg/Kg		88	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0172		mg/Kg		86	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0183		mg/Kg		92	80 - 124
1,2-Dichlorobenzene	0.0200	0.0175		mg/Kg		88	80 - 120
1,2-Dichloroethane	0.0200	0.0165		mg/Kg		83	70 - 123
1,2-Dichloropropane	0.0200	0.0194		mg/Kg		97	73 - 124

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1041319/3
Matrix: Solid
Analysis Batch: 1041319

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	0.0200	0.0172		mg/Kg		86	80 - 120
1,4-Dichlorobenzene	0.0200	0.0179		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.0786		mg/Kg		79	64 - 128
2-Hexanone	0.100	0.0878		mg/Kg		88	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0875		mg/Kg		87	80 - 120
Acetone	0.100	0.0905		mg/Kg		91	58 - 122
Acrolein	0.300	0.325		mg/Kg		108	54 - 158
Acrylonitrile	0.200	0.215		mg/Kg		108	56 - 120
Benzene	0.0200	0.0179		mg/Kg		90	75 - 120
Bromoform	0.0200	0.0217		mg/Kg		108	61 - 125
Bromomethane	0.0200	0.0213		mg/Kg		106	37 - 150
Carbon disulfide	0.0200	0.0190		mg/Kg		95	57 - 133
Carbon tetrachloride	0.0200	0.0177		mg/Kg		88	66 - 127
Chlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120
Chlorobromomethane	0.0200	0.0189		mg/Kg		94	76 - 127
Chlorodibromomethane	0.0200	0.0198		mg/Kg		99	72 - 120
Chloroethane	0.0200	0.0186		mg/Kg		93	60 - 123
Chloroform	0.0200	0.0177		mg/Kg		88	79 - 126
Chloromethane	0.0200	0.0210		mg/Kg		105	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0178		mg/Kg		89	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0174		mg/Kg		87	75 - 120
Cyclohexane	0.0200	0.0177		mg/Kg		88	65 - 132
Dichlorobromomethane	0.0200	0.0181		mg/Kg		91	77 - 124
Dichlorodifluoromethane	0.0200	0.0187		mg/Kg		93	45 - 129
Ethylbenzene	0.0200	0.0177		mg/Kg		88	80 - 120
Ethylene Dibromide	0.0200	0.0183		mg/Kg		91	79 - 120
Isopropylbenzene	0.0200	0.0170		mg/Kg		85	74 - 120
Methyl acetate	0.0400	0.0370		mg/Kg		93	57 - 120
Methyl tert-butyl ether	0.0200	0.0165		mg/Kg		83	74 - 125
Methylcyclohexane	0.0200	0.0178		mg/Kg		89	66 - 125
Methylene Chloride	0.0200	0.0185		mg/Kg		92	78 - 120
m-Xylene & p-Xylene	0.0200	0.0174		mg/Kg		87	80 - 120
o-Xylene	0.0200	0.0173		mg/Kg		86	80 - 120
Styrene	0.0200	0.0170		mg/Kg		85	80 - 120
TBA	0.200	0.165		mg/Kg		83	79 - 120
Tetrachloroethene	0.0200	0.0192		mg/Kg		96	73 - 120
Toluene	0.0200	0.0172		mg/Kg		86	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0167		mg/Kg		83	77 - 120
Trichloroethene	0.0200	0.0171		mg/Kg		86	80 - 120
Trichlorofluoromethane	0.0200	0.0194		mg/Kg		97	61 - 130
Vinyl chloride	0.0200	0.0203		mg/Kg		102	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*108*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1041319/4
Matrix: Solid
Analysis Batch: 1041319

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0175		mg/Kg		88	78 - 120	6	30
1,1,2,2-Tetrachloroethane			0.0200	0.0177		mg/Kg		89	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0198		mg/Kg		99	75 - 121	10	30
1,1,2-Trichloroethane			0.0200	0.0187		mg/Kg		94	80 - 120	4	30
1,1-Dichloroethane			0.0200	0.0193		mg/Kg		97	72 - 120	5	30
1,1-Dichloroethene			0.0200	0.0194		mg/Kg		97	76 - 120	9	30
1,2,3-Trichlorobenzene			0.0200	0.0175		mg/Kg		87	77 - 137	0	30
1,2,4-Trichlorobenzene			0.0200	0.0173		mg/Kg		87	77 - 136	0	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0181		mg/Kg		90	80 - 124	2	30
1,2-Dichlorobenzene			0.0200	0.0180		mg/Kg		90	80 - 120	3	30
1,2-Dichloroethane			0.0200	0.0172		mg/Kg		86	70 - 123	4	30
1,2-Dichloropropane			0.0200	0.0205		mg/Kg		102	73 - 124	5	30
1,3-Dichlorobenzene			0.0200	0.0178		mg/Kg		89	80 - 120	4	30
1,4-Dichlorobenzene			0.0200	0.0181		mg/Kg		90	80 - 120	1	30
2-Butanone (MEK)			0.100	0.0821		mg/Kg		82	64 - 128	4	30
2-Hexanone			0.100	0.0933		mg/Kg		93	75 - 120	6	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0900		mg/Kg		90	80 - 120	3	30
Acetone			0.100	0.0943		mg/Kg		94	58 - 122	4	30
Acrolein			0.300	0.354		mg/Kg		118	54 - 158	9	30
Acrylonitrile			0.200	0.231		mg/Kg		116	56 - 120	7	30
Benzene			0.0200	0.0186		mg/Kg		93	75 - 120	3	30
Bromoform			0.0200	0.0228		mg/Kg		114	61 - 125	5	30
Bromomethane			0.0200	0.0214		mg/Kg		107	37 - 150	1	30
Carbon disulfide			0.0200	0.0205		mg/Kg		102	57 - 133	7	30
Carbon tetrachloride			0.0200	0.0185		mg/Kg		92	66 - 127	4	30
Chlorobenzene			0.0200	0.0193		mg/Kg		97	80 - 120	4	30
Chlorobromomethane			0.0200	0.0202		mg/Kg		101	76 - 127	7	30
Chlorodibromomethane			0.0200	0.0204		mg/Kg		102	72 - 120	3	30
Chloroethane			0.0200	0.0187		mg/Kg		94	60 - 123	1	30
Chloroform			0.0200	0.0185		mg/Kg		93	79 - 126	5	30
Chloromethane			0.0200	0.0213		mg/Kg		107	46 - 122	1	30
cis-1,2-Dichloroethene			0.0200	0.0190		mg/Kg		95	80 - 123	6	30
cis-1,3-Dichloropropene			0.0200	0.0176		mg/Kg		88	75 - 120	1	30
Cyclohexane			0.0200	0.0191		mg/Kg		95	65 - 132	8	30
Dichlorobromomethane			0.0200	0.0193		mg/Kg		96	77 - 124	6	30
Dichlorodifluoromethane			0.0200	0.0192		mg/Kg		96	45 - 129	3	30
Ethylbenzene			0.0200	0.0187		mg/Kg		93	80 - 120	5	30
Ethylene Dibromide			0.0200	0.0189		mg/Kg		94	79 - 120	3	30
Isopropylbenzene			0.0200	0.0179		mg/Kg		90	74 - 120	5	30
Methyl acetate			0.0400	0.0430		mg/Kg		108	57 - 120	15	30
Methyl tert-butyl ether			0.0200	0.0175		mg/Kg		87	74 - 125	6	30
Methylcyclohexane			0.0200	0.0194		mg/Kg		97	66 - 125	9	30
Methylene Chloride			0.0200	0.0193		mg/Kg		96	78 - 120	4	30
m-Xylene & p-Xylene			0.0200	0.0183		mg/Kg		92	80 - 120	5	30
o-Xylene			0.0200	0.0178		mg/Kg		89	80 - 120	3	30
Styrene			0.0200	0.0177		mg/Kg		88	80 - 120	4	30
TBA			0.200	0.176		mg/Kg		88	79 - 120	6	30
Tetrachloroethene			0.0200	0.0198		mg/Kg		99	73 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1041319/4
Matrix: Solid
Analysis Batch: 1041319

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.0200	0.0178		mg/Kg		89	80 - 120	3	30
trans-1,2-Dichloroethene			0.0200	0.0197		mg/Kg		99	78 - 120	6	30
trans-1,3-Dichloropropene			0.0200	0.0173		mg/Kg		86	77 - 120	4	30
Trichloroethene			0.0200	0.0183		mg/Kg		92	80 - 120	7	30
Trichlorofluoromethane			0.0200	0.0197		mg/Kg		98	61 - 130	2	30
Vinyl chloride			0.0200	0.0211		mg/Kg		105	54 - 122	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*
4-Bromofluorobenzene	*91*		*71 - 128*
Dibromofluoromethane (Surr)	*109*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Method: Moisture - Percent Moisture

Lab Sample ID: 460-326548-D-13 DU
Matrix: Solid
Analysis Batch: 1038774

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	4.1			7.6	*	%				59	20
Percent Solids	95.9			92.4		%				4	20

Lab Sample ID: 460-326550-D-5 DU
Matrix: Solid
Analysis Batch: 1038774

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	9.0			6.7	*	%				30	20
Percent Solids	91.0			93.3		%				3	20

Lab Sample ID: 460-326556-A-3 DU
Matrix: Solid
Analysis Batch: 1038774

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	18.8			15.6		%				18	20
Percent Solids	81.2			84.4		%				4	20

Lab Sample ID: 460-326552-D-21 DU
Matrix: Solid
Analysis Batch: 1038918

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	11.7			12.2		%				4	20
Percent Solids	88.3			87.8		%				0.6	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-326659-D-2 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	9.4			10.2		%				9	20
Percent Solids	90.6			89.8		%				0.9	20

Lab Sample ID: 460-326659-D-4 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	7.7			11.8	*	%				41	20
Percent Solids	92.3			88.3		%				4	20

Lab Sample ID: 460-326659-D-9 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture				7.8		%					
Percent Solids				92.2		%					

Lab Sample ID: 460-326659-D-19 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	13.3			15.9		%				18	20
Percent Solids	86.7			84.1		%				3	20

Lab Sample ID: 460-326659-E-9 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	6.0			6.9		%				14	20
Percent Solids	94.0			93.1		%				1	20

Lab Sample ID: 460-326679-B-2 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	11.1			10.8		%				2	20
Percent Solids	88.9			89.2		%				0.2	20

Lab Sample ID: 460-326686-B-1 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	11.9			9.1	*	%				27	20
Percent Solids	88.1			90.9		%				3	20

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Method: Moisture - Percent Moisture

Lab Sample ID: 460-326693-L-1 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	13.6			12.8		%				6	20
Percent Solids	86.4			87.2		%				0.9	20

Lab Sample ID: 460-326748-A-1 DU
Matrix: Solid
Analysis Batch: 1039517

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	12.9			10.6		%				19	20
Percent Solids	87.1			89.4		%				3	20

Lab Sample ID: 460-326765-A-6 DU
Matrix: Solid
Analysis Batch: 1039517

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	21.3			20.2		%				5	20
Percent Solids	78.7			79.8		%				1	20

Lab Sample ID: 460-326770-A-1 DU
Matrix: Solid
Analysis Batch: 1039517

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	1.0	U		1.0	U	%				NC	20
Percent Solids	99.8			99.8		%				0	20

GC/MS VOA

Prep Batch: 1038753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-11	SRI-A1-2_3-5_20250519	Total/NA	Solid	5035	
460-326644-12	SRI-A1-2_8-10_20250519	Total/NA	Solid	5035	
460-326644-13	SRI-A1-2_13-15_20250519	Total/NA	Solid	5035	
460-326644-14	SRI-X-1_13-15_20250519	Total/NA	Solid	5035	
460-326644-15	SRI-B1-2_3-5_20250519	Total/NA	Solid	5035	
LB3 460-1038753/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1038762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-27	SRI-B1-4_17-19_20250519	Total/NA	Solid	5035	

Prep Batch: 1038766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-16	SRI-B1-2_5-7_20250519	Total/NA	Solid	5035	
460-326644-17	SRI-B1-2_13-15_20250519	Total/NA	Solid	5035	
460-326644-18	SRI-B1-2_18-20_20250519	Total/NA	Solid	5035	
460-326644-19	SRI-X-2_3-5_20250519	Total/NA	Solid	5035	
460-326644-20	SRI-B1-1_3-5_20250519	Total/NA	Solid	5035	
460-326644-21	SRI-B1-3_3-5_20250519	Total/NA	Solid	5035	
460-326644-22	SRI-B1-3_5-7_20250519	Total/NA	Solid	5035	
460-326644-23	SRI-B1-3_13-15_20250519	Total/NA	Solid	5035	
460-326644-24	SRI-B1-4_3-5_20250519	Total/NA	Solid	5035	
460-326644-25	SRI-B1-4_5-7_20250519	Total/NA	Solid	5035	
460-326644-26	SRI-B1-4_13-15_20250519	Total/NA	Solid	5035	
LB3 460-1038766/1-A	Method Blank	Total/NA	Solid	5035	
460-326644-20 MS	SRI-B1-1_3-5_20250519	Total/NA	Solid	5035	
460-326644-20 MSD	SRI-B1-1_3-5_20250519	Total/NA	Solid	5035	

Prep Batch: 1038779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-39	SRI-B2-3_13-15_20250519	Total/NA	Solid	5035	
460-326644-41	SRI-B2-3_17-19_20250519	Total/NA	Solid	5035	

Prep Batch: 1038781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-33	SRI-B2-1_3-5_20250519	Total/NA	Solid	5035	
460-326644-34	SRI-B1-4_18-20_20250519	Total/NA	Solid	5035	
460-326644-35	SRI-B2-1_18-20_20250519	Total/NA	Solid	5035	
460-326644-36	SRI-B2-1_13-15_20250519	Total/NA	Solid	5035	
460-326644-37	SRI-B2-1_8-10_20250519	Total/NA	Solid	5035	
460-326644-38	SRI-B2-3_3-5_20250519	Total/NA	Solid	5035	
460-326644-40	SRI-B2-3_8-10_20250519	Total/NA	Solid	5035	
460-326644-42	SRI-B2-4_3-5_20250519	Total/NA	Solid	5035	
460-326644-43	SRI-B2-4_7-9_20250519	Total/NA	Solid	5035	
460-326644-44	SRI-B2-4_13-15_20250519	Total/NA	Solid	5035	

Prep Batch: 1038815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-1	SRI-A2-4_3-5_20250520	Total/NA	Solid	5035	
460-326580-2	SRI-A2-4_8-10_20250520	Total/NA	Solid	5035	
460-326580-3	SRI-A2-4_13-15_20250520	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1038815 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-5	SRI-B2-2_3-5_20250520	Total/NA	Solid	5035	
460-326580-6	SRI-B2-2_8-10_20250520	Total/NA	Solid	5035	
460-326580-7	SRI-B2-2_13-15_20250520	Total/NA	Solid	5035	
460-326580-8	SRI-A2-2_3-5_20250520	Total/NA	Solid	5035	
460-326580-9	SRI-A2-2_8-10_20250520	Total/NA	Solid	5035	
460-326580-10	SRI-A2-2_13-15_20250520	Total/NA	Solid	5035	
460-326580-11	SRI-A2-1_3-5_20250520	Total/NA	Solid	5035	
460-326580-12	SRI-A2-1_8-10_20250520	Total/NA	Solid	5035	
460-326580-13	SRI-A1-1_13-15_20250520	Total/NA	Solid	5035	
460-326580-14	SRI-X-3_13-15_20250520	Total/NA	Solid	5035	
460-326580-15	SRI-B1-4_22-24_20250520	Total/NA	Solid	5035	
460-326580-16	SRI-B2-3_22-24_20250520	Total/NA	Solid	5035	
460-326580-17	SRI-A2-3_3-5_20250520	Total/NA	Solid	5035	
LB3 460-1038815/1-A	Method Blank	Total/NA	Solid	5035	
460-326580-17 MS	SRI-A2-3_3-5_20250520	Total/NA	Solid	5035	
460-326580-17 MSD	SRI-A2-3_3-5_20250520	Total/NA	Solid	5035	

Prep Batch: 1038832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-18	SRI-A2-3_8-10_20250520	Total/NA	Solid	5035	
460-326580-19	SRI-A2-3_10-12_20250520	Total/NA	Solid	5035	
460-326580-20	SRI-A3-3_3-5_20250520	Total/NA	Solid	5035	
460-326580-21	SRI-A3-3_5-7_20250520	Total/NA	Solid	5035	
460-326580-22	SRI-A3-3_13-15_20250520	Total/NA	Solid	5035	
460-326580-23	SRI-X-4_5-7_20250520	Total/NA	Solid	5035	
460-326580-27	SRI-A3-4_3-5_20250520	Total/NA	Solid	5035	
460-326580-28	SRI-A3-4_6-8_20250520	Total/NA	Solid	5035	
460-326580-30	SRI-A3-2_3-5_20250520	Total/NA	Solid	5035	
460-326580-31	SRI-A3-2_8-10_20250520	Total/NA	Solid	5035	
460-326580-32	SRI-A3-2_13-15_20250520	Total/NA	Solid	5035	
460-326580-33	SRI-A3-1_3-5_20250520	Total/NA	Solid	5035	
460-326580-34	SRI-A3-1_8-10_20250520	Total/NA	Solid	5035	
460-326580-35	SRI-A3-1_13-15_20250520	Total/NA	Solid	5035	
460-326580-36	SRI-A4-1_3-5_20250520	Total/NA	Solid	5035	
460-326580-37	SRI-A4-1_7-9_20250520	Total/NA	Solid	5035	
460-326580-38	SRI-A4-2_3-5_20250520	Total/NA	Solid	5035	
460-326580-39	SRI-A4-2_6-8_20250520	Total/NA	Solid	5035	
LB3 460-1038832/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1038848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-29	SRI-A3-4_13-15_20250520	Total/NA	Solid	5035	
460-326580-22 MS	SRI-A3-3_13-15_20250520	Total/NA	Solid	5035	
460-326580-22 MSD	SRI-A3-3_13-15_20250520	Total/NA	Solid	5035	

Prep Batch: 1039184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-1	SRI-A4-4_3_5_20250521	Total/NA	Solid	5035	
460-326694-2	SRI-A4-4_6-8_20250521	Total/NA	Solid	5035	
460-326694-3	SRI-A4-3_3-5_20250521	Total/NA	Solid	5035	
460-326694-4	SRI-A4-3_8-10_20250521	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1039184 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-6	SRI-X-5_3-5_20250521	Total/NA	Solid	5035	
LB3 460-1039184/1-A	Method Blank	Total/NA	Solid	5035	
460-326694-4 MS	SRI-A4-3_8-10_20250521	Total/NA	Solid	5035	
460-326694-4 MSD	SRI-A4-3_8-10_20250521	Total/NA	Solid	5035	

Prep Batch: 1039187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-5	SRI-A4-3_10-12_20250521	Total/NA	Solid	5035	
LB3 460-1039187/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1039234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-11	SRI-B3-4_13-15_20250521	Total/NA	Solid	5035	

Prep Batch: 1039236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-9	SRI-B3-4_3-5_20250521	Total/NA	Solid	5035	
460-326694-10	SRI-B3-4_6-8_20250521	Total/NA	Solid	5035	
460-326694-12	SRI-B3-4_16-18_20250521	Total/NA	Solid	5035	
460-326694-13	SRI-B3-2B_8-10_20250521	Total/NA	Solid	5035	
460-326694-14	SRI-B3-2B_12-14_20250521	Total/NA	Solid	5035	
LB3 460-1039236/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1039242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-15	SRI-B3-2A_16-18_20250521	Total/NA	Solid	5035	
460-326694-16	SRI-B3-3_8-10_20250521	Total/NA	Solid	5035	
460-326694-17	SRI-B3-3_13-15_20250521	Total/NA	Solid	5035	
460-326694-18	SRI-B3-3_18-20_20250521	Total/NA	Solid	5035	
460-326694-15 MS	SRI-B3-2A_16-18_20250521	Total/NA	Solid	5035	
460-326694-15 MSD	SRI-B3-2A_16-18_20250521	Total/NA	Solid	5035	

Prep Batch: 1039264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-19	SRI-X-6_3-5_20250521	Total/NA	Solid	5035	
460-326694-20	SRI-B3-1_3-5_20250521	Total/NA	Solid	5035	
460-326694-21	SRI-B3-1_5-7_20250521	Total/NA	Solid	5035	

Prep Batch: 1039271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-24	SRI-B4-1A_3-5_20250521	Total/NA	Solid	5035	
460-326694-25	SRI-B4-1A_8-10_20250521	Total/NA	Solid	5035	
460-326694-26	SRI-B4-1A_13-15_20250521	Total/NA	Solid	5035	
460-326694-27	SRI-B3-2C_3-5_20250521	Total/NA	Solid	5035	
460-326694-28	SRI-B3-3B_3-5_20250521	Total/NA	Solid	5035	
LB3 460-1039271/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 1039309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-42	SRI-B2-4_3-5_20250519	Total/NA	Solid	8260D	1038781
460-326644-43	SRI-B2-4_7-9_20250519	Total/NA	Solid	8260D	1038781

GC/MS VOA (Continued)

Analysis Batch: 1039309 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-44	SRI-B2-4_13-15_20250519	Total/NA	Solid	8260D	1038781
MB 460-1039309/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039309/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039309/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-11	SRI-A1-2_3-5_20250519	Total/NA	Solid	8260D	1038753
460-326644-12	SRI-A1-2_8-10_20250519	Total/NA	Solid	8260D	1038753
460-326644-14	SRI-X-1_13-15_20250519	Total/NA	Solid	8260D	1038753
460-326644-15	SRI-B1-2_3-5_20250519	Total/NA	Solid	8260D	1038753
460-326644-16	SRI-B1-2_5-7_20250519	Total/NA	Solid	8260D	1038766
LB3 460-1038753/1-A	Method Blank	Total/NA	Solid	8260D	1038753
LB3 460-1038766/1-A	Method Blank	Total/NA	Solid	8260D	1038766
MB 460-1039310/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039310/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039310/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-17	SRI-B1-2_13-15_20250519	Total/NA	Solid	8260D	1038766
460-326644-18	SRI-B1-2_18-20_20250519	Total/NA	Solid	8260D	1038766
460-326644-19	SRI-X-2_3-5_20250519	Total/NA	Solid	8260D	1038766
MB 460-1039355/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039355/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039355/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 1039365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-3	SRI-B4-4_13-15_20250522	Total/NA	Solid	5035	

Prep Batch: 1039374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-1	SRI-B4-4_3-5_20250522	Total/NA	Solid	5035	
460-326756-2	SRI-B4-4_8-10_20250522	Total/NA	Solid	5035	
460-326756-4	SRI-B4-1B_3-5_20250522	Total/NA	Solid	5035	
460-326756-5	SRI-B4-1B_8-10_20250522	Total/NA	Solid	5035	
460-326756-6	SRI-B4-1B_10-12_20250522	Total/NA	Solid	5035	
460-326756-7	SRI-B4-1B_15-17_20250522	Total/NA	Solid	5035	
460-326756-17	SRI-B4-4_15-17_20250522	Total/NA	Solid	5035	
LB3 460-1039374/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1039392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-24	SRI-B4-3_13-15_20250522	Total/NA	Solid	5035	
460-326756-25	SRI-B4-3_15-17_20250522	Total/NA	Solid	5035	

Prep Batch: 1039393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-8	SRI-B4-2A_3-5_20250522	Total/NA	Solid	5035	
460-326756-9	SRI-B4-2A_8-10_20250522	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1039393 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-10	SRI-B4-2A_11-13_20250522	Total/NA	Solid	5035	
460-326756-22	SRI-B4-3_3-5_20250522	Total/NA	Solid	5035	
460-326756-23	SRI-B4-3_8-10_20250522	Total/NA	Solid	5035	
LB3 460-1039393/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1039412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-13	SRI-B4-2B_18-20_20250522	Total/NA	Solid	5035	

Prep Batch: 1039414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-14	SRI-X-7_3-5_20250522	Total/NA	Solid	5035	
460-326756-15	SRI-A1-3B_3-5_20250522	Total/NA	Solid	5035	
460-326756-16	SRI-A1-3B_7-9_20250522	Total/NA	Solid	5035	
460-326756-18	SRI-A1-1B_3-5_20250522	Total/NA	Solid	5035	
460-326756-19	SRI-A1-1B_5-7_20250522	Total/NA	Solid	5035	
460-326756-20	SRI-A1-1B_13-15_20250522	Total/NA	Solid	5035	
460-326756-21	SRI-A1-4B_3-5_20250522	Total/NA	Solid	5035	
460-326756-18 MS	SRI-A1-1B_3-5_20250522	Total/NA	Solid	5035	
460-326756-18 MSD	SRI-A1-1B_3-5_20250522	Total/NA	Solid	5035	

Analysis Batch: 1039469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-8	SRI-A2-2_3-5_20250520	Total/NA	Solid	8260D	1038815
460-326580-9	SRI-A2-2_8-10_20250520	Total/NA	Solid	8260D	1038815
460-326580-10	SRI-A2-2_13-15_20250520	Total/NA	Solid	8260D	1038815
460-326580-11	SRI-A2-1_3-5_20250520	Total/NA	Solid	8260D	1038815
460-326580-12	SRI-A2-1_8-10_20250520	Total/NA	Solid	8260D	1038815
MB 460-1039469/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039469/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039469/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-1	SRI-A2-4_3-5_20250520	Total/NA	Solid	8260D	1038815
460-326580-2	SRI-A2-4_8-10_20250520	Total/NA	Solid	8260D	1038815
460-326580-3	SRI-A2-4_13-15_20250520	Total/NA	Solid	8260D	1038815
460-326580-5	SRI-B2-2_3-5_20250520	Total/NA	Solid	8260D	1038815
460-326580-6	SRI-B2-2_8-10_20250520	Total/NA	Solid	8260D	1038815
460-326644-20	SRI-B1-1_3-5_20250519	Total/NA	Solid	8260D	1038766
460-326644-21	SRI-B1-3_3-5_20250519	Total/NA	Solid	8260D	1038766
460-326644-22	SRI-B1-3_5-7_20250519	Total/NA	Solid	8260D	1038766
460-326644-23	SRI-B1-3_13-15_20250519	Total/NA	Solid	8260D	1038766
460-326644-24	SRI-B1-4_3-5_20250519	Total/NA	Solid	8260D	1038766
460-326644-25	SRI-B1-4_5-7_20250519	Total/NA	Solid	8260D	1038766
460-326644-26	SRI-B1-4_13-15_20250519	Total/NA	Solid	8260D	1038766
460-326644-33	SRI-B2-1_3-5_20250519	Total/NA	Solid	8260D	1038781
460-326644-34	SRI-B1-4_18-20_20250519	Total/NA	Solid	8260D	1038781
460-326644-36	SRI-B2-1_13-15_20250519	Total/NA	Solid	8260D	1038781
460-326644-37	SRI-B2-1_8-10_20250519	Total/NA	Solid	8260D	1038781
460-326644-38	SRI-B2-3_3-5_20250519	Total/NA	Solid	8260D	1038781

GC/MS VOA (Continued)

Analysis Batch: 1039470 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 460-1038815/1-A	Method Blank	Total/NA	Solid	8260D	1038815
MB 460-1039470/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039470/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039470/3	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-326644-20 MS	SRI-B1-1_3-5_20250519	Total/NA	Solid	8260D	1038766
460-326644-20 MSD	SRI-B1-1_3-5_20250519	Total/NA	Solid	8260D	1038766

Analysis Batch: 1039512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-4	SRI-FB-3_20250520	Total/NA	Water	8260D	
460-326580-24	SRI-FB-4_20250520	Total/NA	Water	8260D	
460-326580-25	SRI-TB-3_20250520	Total/NA	Water	8260D	
460-326580-26	SRI-TB-4_20250520	Total/NA	Water	8260D	
MB 460-1039512/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1039512/2	Lab Control Sample	Total/NA	Water	8260D	
460-326553-H-3 MS	Matrix Spike	Total/NA	Water	8260D	
460-326553-H-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 1039554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-7	SRI-B2-2_13-15_20250520	Total/NA	Solid	8260D	1038815
460-326580-13	SRI-A1-1_13-15_20250520	Total/NA	Solid	8260D	1038815
460-326580-14	SRI-X-3_13-15_20250520	Total/NA	Solid	8260D	1038815
460-326580-15	SRI-B1-4_22-24_20250520	Total/NA	Solid	8260D	1038815
460-326580-18	SRI-A2-3_8-10_20250520	Total/NA	Solid	8260D	1038832
460-326580-19	SRI-A2-3_10-12_20250520	Total/NA	Solid	8260D	1038832
460-326580-20	SRI-A3-3_3-5_20250520	Total/NA	Solid	8260D	1038832
460-326580-21	SRI-A3-3_5-7_20250520	Total/NA	Solid	8260D	1038832
460-326580-22	SRI-A3-3_13-15_20250520	Total/NA	Solid	8260D	1038832
460-326580-23	SRI-X-4_5-7_20250520	Total/NA	Solid	8260D	1038832
460-326580-27	SRI-A3-4_3-5_20250520	Total/NA	Solid	8260D	1038832
460-326580-28	SRI-A3-4_6-8_20250520	Total/NA	Solid	8260D	1038832
460-326580-30	SRI-A3-2_3-5_20250520	Total/NA	Solid	8260D	1038832
460-326580-31	SRI-A3-2_8-10_20250520	Total/NA	Solid	8260D	1038832
460-326580-32	SRI-A3-2_13-15_20250520	Total/NA	Solid	8260D	1038832
460-326580-33	SRI-A3-1_3-5_20250520	Total/NA	Solid	8260D	1038832
460-326580-34	SRI-A3-1_8-10_20250520	Total/NA	Solid	8260D	1038832
460-326580-35	SRI-A3-1_13-15_20250520	Total/NA	Solid	8260D	1038832
460-326644-40	SRI-B2-3_8-10_20250519	Total/NA	Solid	8260D	1038781
LB3 460-1038832/1-A	Method Blank	Total/NA	Solid	8260D	1038832
MB 460-1039554/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039554/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039554/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-5	SRI-A4-3_10-12_20250521	Total/NA	Solid	8260D	1039187
LB3 460-1039184/1-A	Method Blank	Total/NA	Solid	8260D	1039184
MB 460-1039604/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039604/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039604/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

QC Association Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

GC/MS VOA

Analysis Batch: 1039609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-36	SRI-A4-1_3-5_20250520	Total/NA	Solid	8260D	1038832
460-326580-37	SRI-A4-1_7-9_20250520	Total/NA	Solid	8260D	1038832
460-326580-38	SRI-A4-2_3-5_20250520	Total/NA	Solid	8260D	1038832
460-326580-39	SRI-A4-2_6-8_20250520	Total/NA	Solid	8260D	1038832
460-326694-9	SRI-B3-4_3-5_20250521	Total/NA	Solid	8260D	1039236
460-326694-10	SRI-B3-4_6-8_20250521	Total/NA	Solid	8260D	1039236
460-326694-12	SRI-B3-4_16-18_20250521	Total/NA	Solid	8260D	1039236
LB3 460-1039187/1-A	Method Blank	Total/NA	Solid	8260D	1039187
LB3 460-1039236/1-A	Method Blank	Total/NA	Solid	8260D	1039236
MB 460-1039609/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039609/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039609/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-27	SRI-B1-4_17-19_20250519	Total/NA	Solid	8260D	1038762
460-326644-39	SRI-B2-3_13-15_20250519	Total/NA	Solid	8260D	1038779
460-326694-11	SRI-B3-4_13-15_20250521	Total/NA	Solid	8260D	1039234
MB 460-1039663/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039663/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039663/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-13	SRI-B3-2B_8-10_20250521	Total/NA	Solid	8260D	1039236
460-326694-14	SRI-B3-2B_12-14_20250521	Total/NA	Solid	8260D	1039236
460-326694-24	SRI-B4-1A_3-5_20250521	Total/NA	Solid	8260D	1039271
460-326694-25	SRI-B4-1A_8-10_20250521	Total/NA	Solid	8260D	1039271
460-326694-26	SRI-B4-1A_13-15_20250521	Total/NA	Solid	8260D	1039271
460-326694-27	SRI-B3-2C_3-5_20250521	Total/NA	Solid	8260D	1039271
460-326694-28	SRI-B3-3B_3-5_20250521	Total/NA	Solid	8260D	1039271
LB3 460-1039271/1-A	Method Blank	Total/NA	Solid	8260D	1039271
MB 460-1039694/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039694/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039694/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-7	SRI-FB-5_20250521	Total/NA	Water	8260D	
460-326694-8	SRI-FB-6_20250521	Total/NA	Water	8260D	
460-326694-22	SRI-TB-5_20250521	Total/NA	Water	8260D	
460-326694-23	SRI-TB-6_20250521	Total/NA	Water	8260D	
MB 460-1039794/7	Method Blank	Total/NA	Water	8260D	
LCS 460-1039794/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1039794/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 1039833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-41	SRI-B2-3_17-19_20250519	Total/NA	Solid	8260D	1038779
460-326756-24	SRI-B4-3_13-15_20250522	Total/NA	Solid	8260D	1039392
460-326756-25	SRI-B4-3_15-17_20250522	Total/NA	Solid	8260D	1039392

GC/MS VOA (Continued)

Analysis Batch: 1039833 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1039833/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039833/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039833/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-3	SRI-B4-4_13-15_20250522	Total/NA	Solid	8260D	1039365
MB 460-1039921/13	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039921/7	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039921/9	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1040206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-6	SRI-X-5_3-5_20250521	Total/NA	Solid	8260D	1039184
MB 460-1040206/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040206/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040206/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1040395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-16	SRI-B2-3_22-24_20250520	Total/NA	Solid	8260D	1038815
MB 460-1040395/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040395/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040395/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1040662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-1	SRI-B4-4_3-5_20250522	Total/NA	Solid	8260D	1039374
460-326756-2	SRI-B4-4_8-10_20250522	Total/NA	Solid	8260D	1039374
MB 460-1040662/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040662/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040662/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1040663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-17	SRI-A2-3_3-5_20250520	Total/NA	Solid	8260D	1038815
460-326694-2	SRI-A4-4_6-8_20250521	Total/NA	Solid	8260D	1039184
460-326694-3	SRI-A4-3_3-5_20250521	Total/NA	Solid	8260D	1039184
460-326694-16	SRI-B3-3_8-10_20250521	Total/NA	Solid	8260D	1039242
460-326694-17	SRI-B3-3_13-15_20250521	Total/NA	Solid	8260D	1039242
460-326694-18	SRI-B3-3_18-20_20250521	Total/NA	Solid	8260D	1039242
460-326694-19	SRI-X-6_3-5_20250521	Total/NA	Solid	8260D	1039264
460-326694-20	SRI-B3-1_3-5_20250521	Total/NA	Solid	8260D	1039264
MB 460-1040663/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040663/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040663/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-326580-17 MS	SRI-A2-3_3-5_20250520	Total/NA	Solid	8260D	1038815
460-326580-17 MSD	SRI-A2-3_3-5_20250520	Total/NA	Solid	8260D	1038815
460-326580-22 MS	SRI-A3-3_13-15_20250520	Total/NA	Solid	8260D	1038848
460-326580-22 MSD	SRI-A3-3_13-15_20250520	Total/NA	Solid	8260D	1038848
460-326694-4 MS	SRI-A4-3_8-10_20250521	Total/NA	Solid	8260D	1039184

GC/MS VOA (Continued)

Analysis Batch: 1040663 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-4 MSD	SRI-A4-3_8-10_20250521	Total/NA	Solid	8260D	1039184

Analysis Batch: 1040671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-11	SRI-TB-7_20250522	Total/NA	Water	8260D	
460-326756-12	SRI-FB-7_20250522	Total/NA	Water	8260D	
MB 460-1040671/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1040671/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1040671/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 1040792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-4	SRI-B4-1B_3-5_20250522	Total/NA	Solid	8260D	1039374
460-326756-5	SRI-B4-1B_8-10_20250522	Total/NA	Solid	8260D	1039374
460-326756-6	SRI-B4-1B_10-12_20250522	Total/NA	Solid	8260D	1039374
460-326756-7	SRI-B4-1B_15-17_20250522	Total/NA	Solid	8260D	1039374
460-326756-8	SRI-B4-2A_3-5_20250522	Total/NA	Solid	8260D	1039393
460-326756-9	SRI-B4-2A_8-10_20250522	Total/NA	Solid	8260D	1039393
460-326756-10	SRI-B4-2A_11-13_20250522	Total/NA	Solid	8260D	1039393
460-326756-14	SRI-X-7_3-5_20250522	Total/NA	Solid	8260D	1039414
460-326756-15	SRI-A1-3B_3-5_20250522	Total/NA	Solid	8260D	1039414
460-326756-16	SRI-A1-3B_7-9_20250522	Total/NA	Solid	8260D	1039414
460-326756-17	SRI-B4-4_15-17_20250522	Total/NA	Solid	8260D	1039374
460-326756-18	SRI-A1-1B_3-5_20250522	Total/NA	Solid	8260D	1039414
460-326756-19	SRI-A1-1B_5-7_20250522	Total/NA	Solid	8260D	1039414
460-326756-21	SRI-A1-4B_3-5_20250522	Total/NA	Solid	8260D	1039414
460-326756-22	SRI-B4-3_3-5_20250522	Total/NA	Solid	8260D	1039393
460-326756-23	SRI-B4-3_8-10_20250522	Total/NA	Solid	8260D	1039393
LB3 460-1039374/1-A	Method Blank	Total/NA	Solid	8260D	1039374
LB3 460-1039393/1-A	Method Blank	Total/NA	Solid	8260D	1039393
MB 460-1040792/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040792/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040792/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-326756-18 MS	SRI-A1-1B_3-5_20250522	Total/NA	Solid	8260D	1039414

Analysis Batch: 1040795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1040795/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040795/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040795/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-326694-15 MS	SRI-B3-2A_16-18_20250521	Total/NA	Solid	8260D	1039242
460-326694-15 MSD	SRI-B3-2A_16-18_20250521	Total/NA	Solid	8260D	1039242

Analysis Batch: 1040884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-13	SRI-A1-2_13-15_20250519	Total/NA	Solid	8260D	1038753
MB 460-1040884/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040884/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040884/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS VOA

Analysis Batch: 1040885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-1	SRI-A4-4_3_5_20250521	Total/NA	Solid	8260D	1039184
460-326694-4	SRI-A4-3_8-10_20250521	Total/NA	Solid	8260D	1039184
460-326694-15	SRI-B3-2A_16-18_20250521	Total/NA	Solid	8260D	1039242
460-326694-21	SRI-B3-1_5-7_20250521	Total/NA	Solid	8260D	1039264
MB 460-1040885/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040885/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040885/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1041006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-29	SRI-A3-4_13-15_20250520	Total/NA	Solid	8260D	1038848
MB 460-1041006/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1041006/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1041006/26	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1041007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-35	SRI-B2-1_18-20_20250519	Total/NA	Solid	8260D	1038781
460-326756-20	SRI-A1-1B_13-15_20250522	Total/NA	Solid	8260D	1039414
MB 460-1041007/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1041007/5	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1041007/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1041146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-13	SRI-B4-2B_18-20_20250522	Total/NA	Solid	8260D	1039412
MB 460-1041146/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1041146/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1041146/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1041319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1041319/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1041319/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1041319/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-326756-18 MSD	SRI-A1-1B_3-5_20250522	Total/NA	Solid	8260D	1039414

General Chemistry

Analysis Batch: 1038774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-1	SRI-A2-4_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-2	SRI-A2-4_8-10_20250520	Total/NA	Solid	Moisture	
460-326580-3	SRI-A2-4_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-5	SRI-B2-2_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-6	SRI-B2-2_8-10_20250520	Total/NA	Solid	Moisture	
460-326580-7	SRI-B2-2_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-8	SRI-A2-2_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-9	SRI-A2-2_8-10_20250520	Total/NA	Solid	Moisture	
460-326580-10	SRI-A2-2_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-11	SRI-A2-1_3-5_20250520	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1038774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-12	SRI-A2-1_8-10_20250520	Total/NA	Solid	Moisture	
460-326580-13	SRI-A1-1_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-14	SRI-X-3_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-15	SRI-B1-4_22-24_20250520	Total/NA	Solid	Moisture	
460-326580-16	SRI-B2-3_22-24_20250520	Total/NA	Solid	Moisture	
460-326580-17	SRI-A2-3_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-18	SRI-A2-3_8-10_20250520	Total/NA	Solid	Moisture	
460-326580-19	SRI-A2-3_10-12_20250520	Total/NA	Solid	Moisture	
460-326580-20	SRI-A3-3_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-21	SRI-A3-3_5-7_20250520	Total/NA	Solid	Moisture	
460-326580-22	SRI-A3-3_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-23	SRI-X-4_5-7_20250520	Total/NA	Solid	Moisture	
460-326580-27	SRI-A3-4_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-28	SRI-A3-4_6-8_20250520	Total/NA	Solid	Moisture	
460-326580-29	SRI-A3-4_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-30	SRI-A3-2_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-31	SRI-A3-2_8-10_20250520	Total/NA	Solid	Moisture	
460-326580-32	SRI-A3-2_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-33	SRI-A3-1_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-34	SRI-A3-1_8-10_20250520	Total/NA	Solid	Moisture	
460-326580-35	SRI-A3-1_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-36	SRI-A4-1_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-38	SRI-A4-2_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-17 MS	SRI-A2-3_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-17 MSD	SRI-A2-3_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-22 MS	SRI-A3-3_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-22 MSD	SRI-A3-3_13-15_20250520	Total/NA	Solid	Moisture	
460-326548-D-13 DU	Duplicate	Total/NA	Solid	Moisture	
460-326550-D-5 DU	Duplicate	Total/NA	Solid	Moisture	
460-326556-A-3 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1038918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-37	SRI-A4-1_7-9_20250520	Total/NA	Solid	Moisture	
460-326580-39	SRI-A4-2_6-8_20250520	Total/NA	Solid	Moisture	
460-326552-D-21 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1039170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-11	SRI-A1-2_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-12	SRI-A1-2_8-10_20250519	Total/NA	Solid	Moisture	
460-326644-13	SRI-A1-2_13-15_20250519	Total/NA	Solid	Moisture	
460-326644-14	SRI-X-1_13-15_20250519	Total/NA	Solid	Moisture	
460-326644-15	SRI-B1-2_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-16	SRI-B1-2_5-7_20250519	Total/NA	Solid	Moisture	
460-326644-17	SRI-B1-2_13-15_20250519	Total/NA	Solid	Moisture	
460-326644-18	SRI-B1-2_18-20_20250519	Total/NA	Solid	Moisture	
460-326644-19	SRI-X-2_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-20	SRI-B1-1_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-21	SRI-B1-3_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-22	SRI-B1-3_5-7_20250519	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1039170 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-23	SRI-B1-3_13-15_20250519	Total/NA	Solid	Moisture	
460-326644-24	SRI-B1-4_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-25	SRI-B1-4_5-7_20250519	Total/NA	Solid	Moisture	
460-326644-26	SRI-B1-4_13-15_20250519	Total/NA	Solid	Moisture	
460-326644-27	SRI-B1-4_17-19_20250519	Total/NA	Solid	Moisture	
460-326644-33	SRI-B2-1_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-34	SRI-B1-4_18-20_20250519	Total/NA	Solid	Moisture	
460-326644-35	SRI-B2-1_18-20_20250519	Total/NA	Solid	Moisture	
460-326644-36	SRI-B2-1_13-15_20250519	Total/NA	Solid	Moisture	
460-326644-37	SRI-B2-1_8-10_20250519	Total/NA	Solid	Moisture	
460-326644-38	SRI-B2-3_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-39	SRI-B2-3_13-15_20250519	Total/NA	Solid	Moisture	
460-326644-40	SRI-B2-3_8-10_20250519	Total/NA	Solid	Moisture	
460-326644-41	SRI-B2-3_17-19_20250519	Total/NA	Solid	Moisture	
460-326644-42	SRI-B2-4_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-43	SRI-B2-4_7-9_20250519	Total/NA	Solid	Moisture	
460-326644-44	SRI-B2-4_13-15_20250519	Total/NA	Solid	Moisture	
460-326694-1	SRI-A4-4_3_5_20250521	Total/NA	Solid	Moisture	
460-326694-2	SRI-A4-4_6-8_20250521	Total/NA	Solid	Moisture	
460-326694-3	SRI-A4-3_3-5_20250521	Total/NA	Solid	Moisture	
460-326694-4	SRI-A4-3_8-10_20250521	Total/NA	Solid	Moisture	
460-326694-5	SRI-A4-3_10-12_20250521	Total/NA	Solid	Moisture	
460-326694-6	SRI-X-5_3-5_20250521	Total/NA	Solid	Moisture	
460-326694-9	SRI-B3-4_3-5_20250521	Total/NA	Solid	Moisture	
460-326694-10	SRI-B3-4_6-8_20250521	Total/NA	Solid	Moisture	
460-326694-11	SRI-B3-4_13-15_20250521	Total/NA	Solid	Moisture	
460-326694-12	SRI-B3-4_16-18_20250521	Total/NA	Solid	Moisture	
460-326694-13	SRI-B3-2B_8-10_20250521	Total/NA	Solid	Moisture	
460-326694-14	SRI-B3-2B_12-14_20250521	Total/NA	Solid	Moisture	
460-326694-15	SRI-B3-2A_16-18_20250521	Total/NA	Solid	Moisture	
460-326694-16	SRI-B3-3_8-10_20250521	Total/NA	Solid	Moisture	
460-326694-17	SRI-B3-3_13-15_20250521	Total/NA	Solid	Moisture	
460-326694-18	SRI-B3-3_18-20_20250521	Total/NA	Solid	Moisture	
460-326694-19	SRI-X-6_3-5_20250521	Total/NA	Solid	Moisture	
460-326694-20	SRI-B3-1_3-5_20250521	Total/NA	Solid	Moisture	
460-326694-21	SRI-B3-1_5-7_20250521	Total/NA	Solid	Moisture	
460-326694-24	SRI-B4-1A_3-5_20250521	Total/NA	Solid	Moisture	
460-326694-25	SRI-B4-1A_8-10_20250521	Total/NA	Solid	Moisture	
460-326694-26	SRI-B4-1A_13-15_20250521	Total/NA	Solid	Moisture	
460-326694-27	SRI-B3-2C_3-5_20250521	Total/NA	Solid	Moisture	
460-326694-28	SRI-B3-3B_3-5_20250521	Total/NA	Solid	Moisture	
460-326644-20 MS	SRI-B1-1_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-20 MSD	SRI-B1-1_3-5_20250519	Total/NA	Solid	Moisture	
460-326694-4 MS	SRI-A4-3_8-10_20250521	Total/NA	Solid	Moisture	
460-326694-4 MSD	SRI-A4-3_8-10_20250521	Total/NA	Solid	Moisture	
460-326694-15 MS	SRI-B3-2A_16-18_20250521	Total/NA	Solid	Moisture	
460-326694-15 MSD	SRI-B3-2A_16-18_20250521	Total/NA	Solid	Moisture	
460-326659-D-2 DU	Duplicate	Total/NA	Solid	Moisture	
460-326659-D-4 DU	Duplicate	Total/NA	Solid	Moisture	
460-326659-D-9 DU	Duplicate	Total/NA	Solid	Moisture	
460-326659-D-19 DU	Duplicate	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1039170 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326659-E-9 DU	Duplicate	Total/NA	Solid	Moisture	
460-326679-B-2 DU	Duplicate	Total/NA	Solid	Moisture	
460-326686-B-1 DU	Duplicate	Total/NA	Solid	Moisture	
460-326693-L-1 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1039517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-1	SRI-B4-4_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-2	SRI-B4-4_8-10_20250522	Total/NA	Solid	Moisture	
460-326756-3	SRI-B4-4_13-15_20250522	Total/NA	Solid	Moisture	
460-326756-4	SRI-B4-1B_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-5	SRI-B4-1B_8-10_20250522	Total/NA	Solid	Moisture	
460-326756-6	SRI-B4-1B_10-12_20250522	Total/NA	Solid	Moisture	
460-326756-7	SRI-B4-1B_15-17_20250522	Total/NA	Solid	Moisture	
460-326756-8	SRI-B4-2A_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-9	SRI-B4-2A_8-10_20250522	Total/NA	Solid	Moisture	
460-326756-10	SRI-B4-2A_11-13_20250522	Total/NA	Solid	Moisture	
460-326756-13	SRI-B4-2B_18-20_20250522	Total/NA	Solid	Moisture	
460-326756-14	SRI-X-7_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-15	SRI-A1-3B_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-16	SRI-A1-3B_7-9_20250522	Total/NA	Solid	Moisture	
460-326756-17	SRI-B4-4_15-17_20250522	Total/NA	Solid	Moisture	
460-326756-18	SRI-A1-1B_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-19	SRI-A1-1B_5-7_20250522	Total/NA	Solid	Moisture	
460-326756-20	SRI-A1-1B_13-15_20250522	Total/NA	Solid	Moisture	
460-326756-21	SRI-A1-4B_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-22	SRI-B4-3_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-23	SRI-B4-3_8-10_20250522	Total/NA	Solid	Moisture	
460-326756-24	SRI-B4-3_13-15_20250522	Total/NA	Solid	Moisture	
460-326756-25	SRI-B4-3_15-17_20250522	Total/NA	Solid	Moisture	
460-326756-18 MS	SRI-A1-1B_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-18 MSD	SRI-A1-1B_3-5_20250522	Total/NA	Solid	Moisture	
460-326748-A-1 DU	Duplicate	Total/NA	Solid	Moisture	
460-326765-A-6 DU	Duplicate	Total/NA	Solid	Moisture	
460-326770-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A2-4_3-5_20250520
Lab Sample ID: 460-326580-1
Date Collected: 05/20/25 08:00
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-4_3-5_20250520
Lab Sample ID: 460-326580-1
Date Collected: 05/20/25 08:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:31
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 14:57

Client Sample ID: SRI-A2-4_8-10_20250520
Lab Sample ID: 460-326580-2
Date Collected: 05/20/25 08:05
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-4_8-10_20250520
Lab Sample ID: 460-326580-2
Date Collected: 05/20/25 08:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:32
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 15:20

Client Sample ID: SRI-A2-4_13-15_20250520
Lab Sample ID: 460-326580-3
Date Collected: 05/20/25 08:10
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-4_13-15_20250520
Lab Sample ID: 460-326580-3
Date Collected: 05/20/25 08:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 97.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:32
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 15:44

Client Sample ID: SRI-FB-3_20250520
Lab Sample ID: 460-326580-4
Date Collected: 05/20/25 07:30
Matrix: Water
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039512	KLB	EET EDI	05/25/25 18:52

Client Sample ID: SRI-B2-2_3-5_20250520
Lab Sample ID: 460-326580-5
Date Collected: 05/20/25 08:30
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-B2-2_3-5_20250520
Lab Sample ID: 460-326580-5
Date Collected: 05/20/25 08:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:33
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 16:08

Client Sample ID: SRI-B2-2_8-10_20250520
Lab Sample ID: 460-326580-6
Date Collected: 05/20/25 08:35
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-B2-2_8-10_20250520
Lab Sample ID: 460-326580-6
Date Collected: 05/20/25 08:35
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:33
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 16:31

Client Sample ID: SRI-B2-2_13-15_20250520
Lab Sample ID: 460-326580-7
Date Collected: 05/20/25 08:40
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-B2-2_13-15_20250520
Lab Sample ID: 460-326580-7
Date Collected: 05/20/25 08:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:34
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 20:55

Client Sample ID: SRI-A2-2_3-5_20250520
Lab Sample ID: 460-326580-8
Date Collected: 05/20/25 09:30
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-2_3-5_20250520
Lab Sample ID: 460-326580-8
Date Collected: 05/20/25 09:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:35
Total/NA	Analysis	8260D		1	1039469	AAT	EET EDI	05/25/25 14:31

Client Sample ID: SRI-A2-2_8-10_20250520
Lab Sample ID: 460-326580-9
Date Collected: 05/20/25 09:35
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-2_8-10_20250520
Lab Sample ID: 460-326580-9
Date Collected: 05/20/25 09:35
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:35
Total/NA	Analysis	8260D		1	1039469	AAT	EET EDI	05/25/25 14:56

Client Sample ID: SRI-A2-2_13-15_20250520
Lab Sample ID: 460-326580-10
Date Collected: 05/20/25 09:40
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-2_13-15_20250520
Lab Sample ID: 460-326580-10
Date Collected: 05/20/25 09:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:36
Total/NA	Analysis	8260D		1	1039469	AAT	EET EDI	05/25/25 15:21

Client Sample ID: SRI-A2-1_3-5_20250520
Lab Sample ID: 460-326580-11
Date Collected: 05/20/25 09:50
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-1_3-5_20250520
Lab Sample ID: 460-326580-11
Date Collected: 05/20/25 09:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:36
Total/NA	Analysis	8260D		1	1039469	AAT	EET EDI	05/25/25 15:46

Client Sample ID: SRI-A2-1_8-10_20250520
Lab Sample ID: 460-326580-12
Date Collected: 05/20/25 09:55
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-1_8-10_20250520
Lab Sample ID: 460-326580-12
Date Collected: 05/20/25 09:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:37
Total/NA	Analysis	8260D		1	1039469	AAT	EET EDI	05/25/25 16:11

Client Sample ID: SRI-A1-1_13-15_20250520
Lab Sample ID: 460-326580-13
Date Collected: 05/20/25 10:00
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A1-1_13-15_20250520
Lab Sample ID: 460-326580-13
Date Collected: 05/20/25 10:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:37
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 21:18

Client Sample ID: SRI-X-3_13-15_20250520
Lab Sample ID: 460-326580-14
Date Collected: 05/20/25 10:05
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-X-3_13-15_20250520
Lab Sample ID: 460-326580-14
Date Collected: 05/20/25 10:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:38
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 21:42

Client Sample ID: SRI-B1-4_22-24_20250520
Lab Sample ID: 460-326580-15
Date Collected: 05/20/25 10:30
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-B1-4_22-24_20250520
Lab Sample ID: 460-326580-15
Date Collected: 05/20/25 10:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:39
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 22:05

Client Sample ID: SRI-B2-3_22-24_20250520
Lab Sample ID: 460-326580-16
Date Collected: 05/20/25 10:45
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-B2-3_22-24_20250520
Lab Sample ID: 460-326580-16
Date Collected: 05/20/25 10:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:39
Total/NA	Analysis	8260D		1	1040395	AAT	EET EDI	05/30/25 15:52

Client Sample ID: SRI-A2-3_3-5_20250520
Lab Sample ID: 460-326580-17
Date Collected: 05/20/25 11:45
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-3_3-5_20250520
Lab Sample ID: 460-326580-17
Date Collected: 05/20/25 11:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:40
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 09:50

Client Sample ID: SRI-A2-3_8-10_20250520
Lab Sample ID: 460-326580-18
Date Collected: 05/20/25 11:50
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-3_8-10_20250520
Lab Sample ID: 460-326580-18
Date Collected: 05/20/25 11:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:34
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 22:29

Client Sample ID: SRI-A2-3_10-12_20250520
Lab Sample ID: 460-326580-19
Date Collected: 05/20/25 11:55
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-3_10-12_20250520
Lab Sample ID: 460-326580-19
Date Collected: 05/20/25 11:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:34
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 22:53

Client Sample ID: SRI-A3-3_3-5_20250520
Lab Sample ID: 460-326580-20
Date Collected: 05/20/25 12:40
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A3-3_3-5_20250520
Lab Sample ID: 460-326580-20
Date Collected: 05/20/25 12:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:33
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 23:16

Client Sample ID: SRI-A3-3_5-7_20250520
Lab Sample ID: 460-326580-21
Date Collected: 05/20/25 12:45
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-3_5-7_20250520
Lab Sample ID: 460-326580-21
Date Collected: 05/20/25 12:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:35
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 23:40

Client Sample ID: SRI-A3-3_13-15_20250520
Lab Sample ID: 460-326580-22
Date Collected: 05/20/25 12:50
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-3_13-15_20250520
Lab Sample ID: 460-326580-22
Date Collected: 05/20/25 12:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:35
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 00:04

Client Sample ID: SRI-X-4_5-7_20250520
Lab Sample ID: 460-326580-23
Date Collected: 05/20/25 12:55
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-X-4_5-7_20250520
Lab Sample ID: 460-326580-23
Date Collected: 05/20/25 12:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:36
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 00:27

Client Sample ID: SRI-FB-4_20250520
Lab Sample ID: 460-326580-24
Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039512	KLB	EET EDI	05/25/25 19:12

Client Sample ID: SRI-TB-3_20250520
Lab Sample ID: 460-326580-25
Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039512	KLB	EET EDI	05/25/25 19:32

Client Sample ID: SRI-TB-4_20250520
Lab Sample ID: 460-326580-26
Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039512	KLB	EET EDI	05/25/25 19:52

Client Sample ID: SRI-A3-4_3-5_20250520
Lab Sample ID: 460-326580-27
Date Collected: 05/20/25 13:20
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-4_3-5_20250520
Lab Sample ID: 460-326580-27
Date Collected: 05/20/25 13:20
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:36
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 00:51

Client Sample ID: SRI-A3-4_6-8_20250520
Lab Sample ID: 460-326580-28
Date Collected: 05/20/25 13:25
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A3-4_6-8_20250520
Lab Sample ID: 460-326580-28
Date Collected: 05/20/25 13:25
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:37
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 01:15

Client Sample ID: SRI-A3-4_13-15_20250520
Lab Sample ID: 460-326580-29
Date Collected: 05/20/25 13:30
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-4_13-15_20250520
Lab Sample ID: 460-326580-29
Date Collected: 05/20/25 13:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038848	EMM	EET EDI	05/21/25 19:13
Total/NA	Analysis	8260D		1	1041006	VBP	EET EDI	06/02/25 19:58

Client Sample ID: SRI-A3-2_3-5_20250520
Lab Sample ID: 460-326580-30
Date Collected: 05/20/25 13:40
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-2_3-5_20250520
Lab Sample ID: 460-326580-30
Date Collected: 05/20/25 13:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:38
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 02:02

Client Sample ID: SRI-A3-2_8-10_20250520
Lab Sample ID: 460-326580-31
Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A3-2_8-10_20250520
Lab Sample ID: 460-326580-31
Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:39
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 02:26

Client Sample ID: SRI-A3-2_13-15_20250520
Lab Sample ID: 460-326580-32
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-2_13-15_20250520
Lab Sample ID: 460-326580-32
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:39
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 02:49

Client Sample ID: SRI-A3-1_3-5_20250520
Lab Sample ID: 460-326580-33
Date Collected: 05/20/25 14:10
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-1_3-5_20250520
Lab Sample ID: 460-326580-33
Date Collected: 05/20/25 14:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:40
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 03:13

Client Sample ID: SRI-A3-1_8-10_20250520
Lab Sample ID: 460-326580-34
Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A3-1_8-10_20250520
Lab Sample ID: 460-326580-34
Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:40
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 03:37

Client Sample ID: SRI-A3-1_13-15_20250520
Lab Sample ID: 460-326580-35
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-1_13-15_20250520
Lab Sample ID: 460-326580-35
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:41
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 04:00

Client Sample ID: SRI-A4-1_3-5_20250520
Lab Sample ID: 460-326580-36
Date Collected: 05/20/25 15:00
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A4-1_3-5_20250520
Lab Sample ID: 460-326580-36
Date Collected: 05/20/25 15:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:41
Total/NA	Analysis	8260D		1	1039609	EMM	EET EDI	05/26/25 19:01

Client Sample ID: SRI-A4-1_7-9_20250520
Lab Sample ID: 460-326580-37
Date Collected: 05/20/25 15:05
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038918	DAN	EET EDI	05/22/25 06:36

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A4-1_7-9_20250520
Lab Sample ID: 460-326580-37
Date Collected: 05/20/25 15:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:42
Total/NA	Analysis	8260D		1	1039609	EMM	EET EDI	05/26/25 19:25

Client Sample ID: SRI-A4-2_3-5_20250520
Lab Sample ID: 460-326580-38
Date Collected: 05/20/25 15:10
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A4-2_3-5_20250520
Lab Sample ID: 460-326580-38
Date Collected: 05/20/25 15:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:42
Total/NA	Analysis	8260D		1	1039609	EMM	EET EDI	05/26/25 19:49

Client Sample ID: SRI-A4-2_6-8_20250520
Lab Sample ID: 460-326580-39
Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038918	DAN	EET EDI	05/22/25 06:36

Client Sample ID: SRI-A4-2_6-8_20250520
Lab Sample ID: 460-326580-39
Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:43
Total/NA	Analysis	8260D		1	1039609	EMM	EET EDI	05/26/25 20:12

Client Sample ID: SRI-A1-2_3-5_20250519
Lab Sample ID: 460-326644-11
Date Collected: 05/19/25 11:15
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A1-2_3-5_20250519
Lab Sample ID: 460-326644-11
Date Collected: 05/19/25 11:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038753	JCZ	EET EDI	05/21/25 11:12
Total/NA	Analysis	8260D		1	1039310	AAT	EET EDI	05/24/25 00:40

Client Sample ID: SRI-A1-2_8-10_20250519
Lab Sample ID: 460-326644-12
Date Collected: 05/19/25 11:20
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-A1-2_8-10_20250519
Lab Sample ID: 460-326644-12
Date Collected: 05/19/25 11:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038753	JCZ	EET EDI	05/21/25 11:14
Total/NA	Analysis	8260D		1	1039310	AAT	EET EDI	05/24/25 01:03

Client Sample ID: SRI-A1-2_13-15_20250519
Lab Sample ID: 460-326644-13
Date Collected: 05/19/25 11:25
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-A1-2_13-15_20250519
Lab Sample ID: 460-326644-13
Date Collected: 05/19/25 11:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038753	JCZ	EET EDI	05/21/25 11:15
Total/NA	Analysis	8260D		1	1040884	AAT	EET EDI	06/02/25 15:53

Client Sample ID: SRI-X-1_13-15_20250519
Lab Sample ID: 460-326644-14
Date Collected: 05/19/25 12:45
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-X-1_13-15_20250519
Lab Sample ID: 460-326644-14
Date Collected: 05/19/25 12:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038753	JCZ	EET EDI	05/21/25 11:17
Total/NA	Analysis	8260D		1	1039310	AAT	EET EDI	05/24/25 01:27

Client Sample ID: SRI-B1-2_3-5_20250519
Lab Sample ID: 460-326644-15
Date Collected: 05/19/25 12:15
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-2_3-5_20250519
Lab Sample ID: 460-326644-15
Date Collected: 05/19/25 12:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038753	JCZ	EET EDI	05/21/25 11:18
Total/NA	Analysis	8260D		1	1039310	AAT	EET EDI	05/24/25 01:51

Client Sample ID: SRI-B1-2_5-7_20250519
Lab Sample ID: 460-326644-16
Date Collected: 05/19/25 12:25
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-2_5-7_20250519
Lab Sample ID: 460-326644-16
Date Collected: 05/19/25 12:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:01
Total/NA	Analysis	8260D		1	1039310	AAT	EET EDI	05/24/25 02:14

Client Sample ID: SRI-B1-2_13-15_20250519
Lab Sample ID: 460-326644-17
Date Collected: 05/19/25 12:30
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-2_13-15_20250519
Lab Sample ID: 460-326644-17
Date Collected: 05/19/25 12:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:02
Total/NA	Analysis	8260D		1	1039355	AAT	EET EDI	05/24/25 08:56

Client Sample ID: SRI-B1-2_18-20_20250519
Lab Sample ID: 460-326644-18
Date Collected: 05/19/25 12:35
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-2_18-20_20250519
Lab Sample ID: 460-326644-18
Date Collected: 05/19/25 12:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:04
Total/NA	Analysis	8260D		1	1039355	AAT	EET EDI	05/24/25 09:20

Client Sample ID: SRI-X-2_3-5_20250519
Lab Sample ID: 460-326644-19
Date Collected: 05/19/25 13:15
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-X-2_3-5_20250519
Lab Sample ID: 460-326644-19
Date Collected: 05/19/25 13:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:05
Total/NA	Analysis	8260D		1	1039355	AAT	EET EDI	05/24/25 09:43

Client Sample ID: SRI-B1-1_3-5_20250519
Lab Sample ID: 460-326644-20
Date Collected: 05/19/25 13:00
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-1_3-5_20250519
Lab Sample ID: 460-326644-20
Date Collected: 05/19/25 13:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:06
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 08:39

Client Sample ID: SRI-B1-3_3-5_20250519
Lab Sample ID: 460-326644-21
Date Collected: 05/19/25 13:45
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-3_3-5_20250519
Lab Sample ID: 460-326644-21
Date Collected: 05/19/25 13:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:10
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 09:02

Client Sample ID: SRI-B1-3_5-7_20250519
Lab Sample ID: 460-326644-22
Date Collected: 05/19/25 13:55
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-3_5-7_20250519
Lab Sample ID: 460-326644-22
Date Collected: 05/19/25 13:55
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:12
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 09:26

Client Sample ID: SRI-B1-3_13-15_20250519
Lab Sample ID: 460-326644-23
Date Collected: 05/19/25 14:00
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-3_13-15_20250519
Lab Sample ID: 460-326644-23
Date Collected: 05/19/25 14:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:13
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 09:49

Client Sample ID: SRI-B1-4_3-5_20250519
Lab Sample ID: 460-326644-24
Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-4_3-5_20250519
Lab Sample ID: 460-326644-24
Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:14
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 10:13

Client Sample ID: SRI-B1-4_5-7_20250519
Lab Sample ID: 460-326644-25
Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-4_5-7_20250519
Lab Sample ID: 460-326644-25
Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:16
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 10:37

Client Sample ID: SRI-B1-4_13-15_20250519
Lab Sample ID: 460-326644-26
Date Collected: 05/19/25 14:25
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-4_13-15_20250519
Lab Sample ID: 460-326644-26
Date Collected: 05/19/25 14:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:17
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 11:00

Client Sample ID: SRI-B1-4_17-19_20250519
Lab Sample ID: 460-326644-27
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-4_17-19_20250519
Lab Sample ID: 460-326644-27
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038762	JCZ	EET EDI	05/21/25 12:29
Total/NA	Analysis	8260D		50	1039663	VZD	EET EDI	05/27/25 18:44

Client Sample ID: SRI-B2-1_3-5_20250519
Lab Sample ID: 460-326644-33
Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-1_3-5_20250519
Lab Sample ID: 460-326644-33
Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:37
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 11:24

Client Sample ID: SRI-B1-4_18-20_20250519
Lab Sample ID: 460-326644-34
Date Collected: 05/19/25 14:35
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-4_18-20_20250519
Lab Sample ID: 460-326644-34
Date Collected: 05/19/25 14:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:36
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 11:48

Client Sample ID: SRI-B2-1_18-20_20250519
Lab Sample ID: 460-326644-35
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-1_18-20_20250519
Lab Sample ID: 460-326644-35
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 77.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:45
Total/NA	Analysis	8260D		1	1041007	VBP	EET EDI	06/02/25 21:46

Client Sample ID: SRI-B2-1_13-15_20250519
Lab Sample ID: 460-326644-36
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-1_13-15_20250519
Lab Sample ID: 460-326644-36
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:39
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 12:11

Client Sample ID: SRI-B2-1_8-10_20250519
Lab Sample ID: 460-326644-37
Date Collected: 05/19/25 14:50
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-1_8-10_20250519
Lab Sample ID: 460-326644-37
Date Collected: 05/19/25 14:50
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:38
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 12:35

Client Sample ID: SRI-B2-3_3-5_20250519
Lab Sample ID: 460-326644-38
Date Collected: 05/19/25 15:05
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-3_3-5_20250519
Lab Sample ID: 460-326644-38
Date Collected: 05/19/25 15:05
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:41
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 12:58

Client Sample ID: SRI-B2-3_13-15_20250519
Lab Sample ID: 460-326644-39
Date Collected: 05/19/25 15:10
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-3_13-15_20250519
Lab Sample ID: 460-326644-39
Date Collected: 05/19/25 15:10
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038779	JCZ	EET EDI	05/21/25 12:05
Total/NA	Analysis	8260D		50	1039663	VZD	EET EDI	05/27/25 19:07

Client Sample ID: SRI-B2-3_8-10_20250519
Lab Sample ID: 460-326644-40
Date Collected: 05/19/25 15:15
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-3_8-10_20250519
Lab Sample ID: 460-326644-40
Date Collected: 05/19/25 15:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:41
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 20:31

Client Sample ID: SRI-B2-3_17-19_20250519
Lab Sample ID: 460-326644-41
Date Collected: 05/19/25 15:20
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-3_17-19_20250519
Lab Sample ID: 460-326644-41
Date Collected: 05/19/25 15:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038779	JCZ	EET EDI	05/21/25 12:09
Total/NA	Analysis	8260D		50	1039833	MZS	EET EDI	05/28/25 03:06

Client Sample ID: SRI-B2-4_3-5_20250519
Lab Sample ID: 460-326644-42
Date Collected: 05/19/25 15:30
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-4_3-5_20250519
Lab Sample ID: 460-326644-42
Date Collected: 05/19/25 15:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:43
Total/NA	Analysis	8260D		1	1039309	AAT	EET EDI	05/24/25 02:33

Client Sample ID: SRI-B2-4_7-9_20250519
Lab Sample ID: 460-326644-43
Date Collected: 05/19/25 15:35
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-4_7-9_20250519
Lab Sample ID: 460-326644-43
Date Collected: 05/19/25 15:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:46
Total/NA	Analysis	8260D		1	1039309	AAT	EET EDI	05/24/25 02:58

Client Sample ID: SRI-B2-4_13-15_20250519
Lab Sample ID: 460-326644-44
Date Collected: 05/19/25 15:40
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-4_13-15_20250519
Lab Sample ID: 460-326644-44
Date Collected: 05/19/25 15:40
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:44
Total/NA	Analysis	8260D		1	1039309	AAT	EET EDI	05/24/25 03:23

Client Sample ID: SRI-A4-4_3_5_20250521
Lab Sample ID: 460-326694-1
Date Collected: 05/21/25 08:00
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-A4-4_3_5_20250521
Lab Sample ID: 460-326694-1
Date Collected: 05/21/25 08:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039184	JCZ	EET EDI	05/23/25 07:20
Total/NA	Analysis	8260D		1	1040885	AAT	EET EDI	06/02/25 14:03

Client Sample ID: SRI-A4-4_6-8_20250521
Lab Sample ID: 460-326694-2
Date Collected: 05/21/25 08:10
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A4-4_6-8_20250521
Lab Sample ID: 460-326694-2
Date Collected: 05/21/25 08:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039184	JCZ	EET EDI	05/23/25 07:21
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 14:34

Client Sample ID: SRI-A4-3_3-5_20250521
Lab Sample ID: 460-326694-3
Date Collected: 05/21/25 08:30
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-A4-3_3-5_20250521
Lab Sample ID: 460-326694-3
Date Collected: 05/21/25 08:30
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039184	JCZ	EET EDI	05/23/25 07:21
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 14:58

Client Sample ID: SRI-A4-3_8-10_20250521
Lab Sample ID: 460-326694-4
Date Collected: 05/21/25 08:40
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-A4-3_8-10_20250521
Lab Sample ID: 460-326694-4
Date Collected: 05/21/25 08:40
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039184	JCZ	EET EDI	05/23/25 07:22
Total/NA	Analysis	8260D		1	1040885	AAT	EET EDI	06/02/25 13:40

Client Sample ID: SRI-A4-3_10-12_20250521
Lab Sample ID: 460-326694-5
Date Collected: 05/21/25 08:45
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A4-3_10-12_20250521
Lab Sample ID: 460-326694-5
Date Collected: 05/21/25 08:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039187	JCZ	EET EDI	05/23/25 07:52
Total/NA	Analysis	8260D		1	1039604	VBP	EET EDI	05/27/25 02:39

Client Sample ID: SRI-X-5_3-5_20250521
Lab Sample ID: 460-326694-6
Date Collected: 05/21/25 08:35
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-X-5_3-5_20250521
Lab Sample ID: 460-326694-6
Date Collected: 05/21/25 08:35
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039184	JCZ	EET EDI	05/23/25 07:25
Total/NA	Analysis	8260D		1	1040206	AAT	EET EDI	05/29/25 23:42

Client Sample ID: SRI-FB-5_20250521
Lab Sample ID: 460-326694-7
Date Collected: 05/21/25 09:00
Matrix: Water
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039794	VBP	EET EDI	05/27/25 20:01

Client Sample ID: SRI-FB-6_20250521
Lab Sample ID: 460-326694-8
Date Collected: 05/21/25 09:00
Matrix: Water
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039794	VBP	EET EDI	05/27/25 20:21

Client Sample ID: SRI-B3-4_3-5_20250521
Lab Sample ID: 460-326694-9
Date Collected: 05/21/25 10:05
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-4_3-5_20250521
Lab Sample ID: 460-326694-9
Date Collected: 05/21/25 10:05
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039236	JCZ	EET EDI	05/23/25 09:47
Total/NA	Analysis	8260D		1	1039609	EMM	EET EDI	05/27/25 00:32

Client Sample ID: SRI-B3-4_6-8_20250521 — **Lab Sample ID: 460-326694-10**
Date Collected: 05/21/25 10:10 — **Matrix: Solid**
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-4_6-8_20250521 — **Lab Sample ID: 460-326694-10**
Date Collected: 05/21/25 10:10 — **Matrix: Solid**
Date Received: 05/22/25 16:00 — **Percent Solids: 90.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039236	JCZ	EET EDI	05/23/25 09:47
Total/NA	Analysis	8260D		1	1039609	EMM	EET EDI	05/27/25 00:56

Client Sample ID: SRI-B3-4_13-15_20250521 — **Lab Sample ID: 460-326694-11**
Date Collected: 05/21/25 10:15 — **Matrix: Solid**
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-4_13-15_20250521 — **Lab Sample ID: 460-326694-11**
Date Collected: 05/21/25 10:15 — **Matrix: Solid**
Date Received: 05/22/25 16:00 — **Percent Solids: 96.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039234	JCZ	EET EDI	05/23/25 09:34
Total/NA	Analysis	8260D		50	1039663	VZD	EET EDI	05/27/25 18:21

Client Sample ID: SRI-B3-4_16-18_20250521 — **Lab Sample ID: 460-326694-12**
Date Collected: 05/21/25 10:20 — **Matrix: Solid**
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-4_16-18_20250521 — **Lab Sample ID: 460-326694-12**
Date Collected: 05/21/25 10:20 — **Matrix: Solid**
Date Received: 05/22/25 16:00 — **Percent Solids: 95.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039236	JCZ	EET EDI	05/23/25 09:49
Total/NA	Analysis	8260D		1	1039609	EMM	EET EDI	05/27/25 01:43

Client Sample ID: SRI-B3-2B_8-10_20250521 — **Lab Sample ID: 460-326694-13**
Date Collected: 05/21/25 10:50 — **Matrix: Solid**
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B3-2B_8-10_20250521
Lab Sample ID: 460-326694-13
Date Collected: 05/21/25 10:50
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039236	JCZ	EET EDI	05/23/25 09:50
Total/NA	Analysis	8260D		1	1039694	EMM	EET EDI	05/27/25 19:02

Client Sample ID: SRI-B3-2B_12-14_20250521
Lab Sample ID: 460-326694-14
Date Collected: 05/21/25 10:55
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-2B_12-14_20250521
Lab Sample ID: 460-326694-14
Date Collected: 05/21/25 10:55
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039236	JCZ	EET EDI	05/23/25 09:51
Total/NA	Analysis	8260D		1	1039694	EMM	EET EDI	05/27/25 18:38

Client Sample ID: SRI-B3-2A_16-18_20250521
Lab Sample ID: 460-326694-15
Date Collected: 05/21/25 11:00
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-2A_16-18_20250521
Lab Sample ID: 460-326694-15
Date Collected: 05/21/25 11:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039242	JCZ	EET EDI	05/23/25 10:10
Total/NA	Analysis	8260D		1	1040885	AAT	EET EDI	06/02/25 13:16

Client Sample ID: SRI-B3-3_8-10_20250521
Lab Sample ID: 460-326694-16
Date Collected: 05/21/25 11:30
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B3-3_8-10_20250521
Lab Sample ID: 460-326694-16
Date Collected: 05/21/25 11:30
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039242	JCZ	EET EDI	05/23/25 10:12
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 15:21

Client Sample ID: SRI-B3-3_13-15_20250521
Lab Sample ID: 460-326694-17
Date Collected: 05/21/25 11:45
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-3_13-15_20250521
Lab Sample ID: 460-326694-17
Date Collected: 05/21/25 11:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039242	JCZ	EET EDI	05/23/25 10:14
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 15:45

Client Sample ID: SRI-B3-3_18-20_20250521
Lab Sample ID: 460-326694-18
Date Collected: 05/21/25 11:35
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-3_18-20_20250521
Lab Sample ID: 460-326694-18
Date Collected: 05/21/25 11:35
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 97.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039242	JCZ	EET EDI	05/23/25 10:13
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 16:56

Client Sample ID: SRI-X-6_3-5_20250521
Lab Sample ID: 460-326694-19
Date Collected: 05/21/25 12:10
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-X-6_3-5_20250521
Lab Sample ID: 460-326694-19
Date Collected: 05/21/25 12:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039264	JCZ	EET EDI	05/23/25 11:46
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 17:20

Client Sample ID: SRI-B3-1_3-5_20250521
Lab Sample ID: 460-326694-20
Date Collected: 05/21/25 12:15
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-1_3-5_20250521
Lab Sample ID: 460-326694-20
Date Collected: 05/21/25 12:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039264	JCZ	EET EDI	05/23/25 11:48
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 17:43

Client Sample ID: SRI-B3-1_5-7_20250521
Lab Sample ID: 460-326694-21
Date Collected: 05/21/25 12:20
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-1_5-7_20250521
Lab Sample ID: 460-326694-21
Date Collected: 05/21/25 12:20
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039264	JCZ	EET EDI	05/23/25 11:49
Total/NA	Analysis	8260D		1	1040885	AAT	EET EDI	06/02/25 12:52

Client Sample ID: SRI-TB-5_20250521
Lab Sample ID: 460-326694-22
Date Collected: 05/21/25 13:00
Matrix: Water
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039794	VBP	EET EDI	05/27/25 20:40

Client Sample ID: SRI-TB-6_20250521
Lab Sample ID: 460-326694-23
Date Collected: 05/21/25 13:00
Matrix: Water
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039794	VBP	EET EDI	05/27/25 21:00

Client Sample ID: SRI-B4-1A_3-5_20250521
Lab Sample ID: 460-326694-24
Date Collected: 05/21/25 13:45
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B4-1A_3-5_20250521
Lab Sample ID: 460-326694-24
Date Collected: 05/21/25 13:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039271	JCZ	EET EDI	05/23/25 12:42
Total/NA	Analysis	8260D		1	1039694	EMM	EET EDI	05/27/25 19:25

Client Sample ID: SRI-B4-1A_8-10_20250521
Lab Sample ID: 460-326694-25
Date Collected: 05/21/25 13:50
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B4-1A_8-10_20250521
Lab Sample ID: 460-326694-25
Date Collected: 05/21/25 13:50
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039271	JCZ	EET EDI	05/23/25 12:42
Total/NA	Analysis	8260D		1	1039694	EMM	EET EDI	05/27/25 21:00

Client Sample ID: SRI-B4-1A_13-15_20250521
Lab Sample ID: 460-326694-26
Date Collected: 05/21/25 13:55
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B4-1A_13-15_20250521
Lab Sample ID: 460-326694-26
Date Collected: 05/21/25 13:55
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039271	JCZ	EET EDI	05/23/25 12:43
Total/NA	Analysis	8260D		1	1039694	EMM	EET EDI	05/27/25 20:36

Client Sample ID: SRI-B3-2C_3-5_20250521
Lab Sample ID: 460-326694-27
Date Collected: 05/21/25 15:00
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B3-2C_3-5_20250521
Lab Sample ID: 460-326694-27
Date Collected: 05/21/25 15:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039271	JCZ	EET EDI	05/23/25 12:43
Total/NA	Analysis	8260D		1	1039694	EMM	EET EDI	05/27/25 20:13

Client Sample ID: SRI-B3-3B_3-5_20250521
Lab Sample ID: 460-326694-28
Date Collected: 05/21/25 15:15
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-3B_3-5_20250521
Lab Sample ID: 460-326694-28
Date Collected: 05/21/25 15:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039271	JCZ	EET EDI	05/23/25 12:44
Total/NA	Analysis	8260D		1	1039694	EMM	EET EDI	05/27/25 19:49

Client Sample ID: SRI-B4-4_3-5_20250522
Lab Sample ID: 460-326756-1
Date Collected: 05/22/25 08:55
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-4_3-5_20250522
Lab Sample ID: 460-326756-1
Date Collected: 05/22/25 08:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039374	JCZ	EET EDI	05/24/25 07:19
Total/NA	Analysis	8260D		1	1040662	AAT	EET EDI	05/31/25 15:35

Client Sample ID: SRI-B4-4_8-10_20250522
Lab Sample ID: 460-326756-2
Date Collected: 05/22/25 09:00
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-4_8-10_20250522
Lab Sample ID: 460-326756-2
Date Collected: 05/22/25 09:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039374	JCZ	EET EDI	05/24/25 07:21
Total/NA	Analysis	8260D		1	1040662	AAT	EET EDI	05/31/25 16:00

Client Sample ID: SRI-B4-4_13-15_20250522
Lab Sample ID: 460-326756-3
Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-4_13-15_20250522
Lab Sample ID: 460-326756-3
Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039365	JCZ	EET EDI	05/24/25 07:12
Total/NA	Analysis	8260D		100	1039921	MZS	EET EDI	05/28/25 15:03

Client Sample ID: SRI-B4-1B_3-5_20250522
Lab Sample ID: 460-326756-4
Date Collected: 05/22/25 09:35
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-1B_3-5_20250522
Lab Sample ID: 460-326756-4
Date Collected: 05/22/25 09:35
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039374	JCZ	EET EDI	05/24/25 07:22
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 07:17

Client Sample ID: SRI-B4-1B_8-10_20250522
Lab Sample ID: 460-326756-5
Date Collected: 05/22/25 09:40
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-1B_8-10_20250522
Lab Sample ID: 460-326756-5
Date Collected: 05/22/25 09:40
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039374	JCZ	EET EDI	05/24/25 07:23
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 07:42

Client Sample ID: SRI-B4-1B_10-12_20250522
Lab Sample ID: 460-326756-6
Date Collected: 05/22/25 09:45
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-1B_10-12_20250522
Lab Sample ID: 460-326756-6
Date Collected: 05/22/25 09:45
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039374	JCZ	EET EDI	05/24/25 07:23
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 08:07

Client Sample ID: SRI-B4-1B_15-17_20250522
Lab Sample ID: 460-326756-7
Date Collected: 05/22/25 09:50
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-1B_15-17_20250522
Lab Sample ID: 460-326756-7
Date Collected: 05/22/25 09:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039374	JCZ	EET EDI	05/24/25 07:24
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 08:32

Client Sample ID: SRI-B4-2A_3-5_20250522
Lab Sample ID: 460-326756-8
Date Collected: 05/22/25 10:20
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B4-2A_3-5_20250522
Lab Sample ID: 460-326756-8
Date Collected: 05/22/25 10:20
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039393	JCZ	EET EDI	05/24/25 08:23
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 08:57

Client Sample ID: SRI-B4-2A_8-10_20250522
Lab Sample ID: 460-326756-9
Date Collected: 05/22/25 10:25
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-2A_8-10_20250522
Lab Sample ID: 460-326756-9
Date Collected: 05/22/25 10:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039393	JCZ	EET EDI	05/24/25 08:24
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 09:22

Client Sample ID: SRI-B4-2A_11-13_20250522
Lab Sample ID: 460-326756-10
Date Collected: 05/22/25 10:30
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-2A_11-13_20250522
Lab Sample ID: 460-326756-10
Date Collected: 05/22/25 10:30
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039393	JCZ	EET EDI	05/24/25 08:24
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 09:47

Client Sample ID: SRI-TB-7_20250522
Lab Sample ID: 460-326756-11
Date Collected: 05/22/25 15:00
Matrix: Water
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1040671	SZD	EET EDI	05/31/25 10:37

Client Sample ID: SRI-FB-7_20250522
Lab Sample ID: 460-326756-12
Date Collected: 05/22/25 15:00
Matrix: Water
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1040671	SZD	EET EDI	05/31/25 10:57

Client Sample ID: SRI-B4-2B_18-20_20250522 — **Lab Sample ID: 460-326756-13**
Date Collected: 05/22/25 14:00 — **Matrix: Solid**
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-2B_18-20_20250522 — **Lab Sample ID: 460-326756-13**
Date Collected: 05/22/25 14:00 — **Matrix: Solid**
Date Received: 05/23/25 16:00 — **Percent Solids: 98.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039412	JCZ	EET EDI	05/24/25 10:42
Total/NA	Analysis	8260D		50	1041146	MZS	EET EDI	06/03/25 12:05

Client Sample ID: SRI-X-7_3-5_20250522 — **Lab Sample ID: 460-326756-14**
Date Collected: 05/22/25 15:00 — **Matrix: Solid**
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-X-7_3-5_20250522 — **Lab Sample ID: 460-326756-14**
Date Collected: 05/22/25 15:00 — **Matrix: Solid**
Date Received: 05/23/25 16:00 — **Percent Solids: 98.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039414	JCZ	EET EDI	05/24/25 10:53
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 12:41

Client Sample ID: SRI-A1-3B_3-5_20250522 — **Lab Sample ID: 460-326756-15**
Date Collected: 05/22/25 15:05 — **Matrix: Solid**
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-A1-3B_3-5_20250522 — **Lab Sample ID: 460-326756-15**
Date Collected: 05/22/25 15:05 — **Matrix: Solid**
Date Received: 05/23/25 16:00 — **Percent Solids: 98.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039414	JCZ	EET EDI	05/24/25 10:54
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 13:06

Client Sample ID: SRI-A1-3B_7-9_20250522 — **Lab Sample ID: 460-326756-16**
Date Collected: 05/22/25 15:10 — **Matrix: Solid**
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A1-3B_7-9_20250522
Lab Sample ID: 460-326756-16
Date Collected: 05/22/25 15:10
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039414	JCZ	EET EDI	05/24/25 10:55
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 13:31

Client Sample ID: SRI-B4-4_15-17_20250522
Lab Sample ID: 460-326756-17
Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-4_15-17_20250522
Lab Sample ID: 460-326756-17
Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039374	JCZ	EET EDI	05/24/25 07:21
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 13:56

Client Sample ID: SRI-A1-1B_3-5_20250522
Lab Sample ID: 460-326756-18
Date Collected: 05/22/25 15:15
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-A1-1B_3-5_20250522
Lab Sample ID: 460-326756-18
Date Collected: 05/22/25 15:15
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039414	JCZ	EET EDI	05/24/25 10:55
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 12:16

Client Sample ID: SRI-A1-1B_5-7_20250522
Lab Sample ID: 460-326756-19
Date Collected: 05/22/25 15:20
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A1-1B_5-7_20250522
Lab Sample ID: 460-326756-19
Date Collected: 05/22/25 15:20
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039414	JCZ	EET EDI	05/24/25 10:58
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 10:12

Client Sample ID: SRI-A1-1B_13-15_20250522
Lab Sample ID: 460-326756-20
Date Collected: 05/22/25 15:25
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-A1-1B_13-15_20250522
Lab Sample ID: 460-326756-20
Date Collected: 05/22/25 15:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039414	JCZ	EET EDI	05/24/25 10:59
Total/NA	Analysis	8260D		1	1041007	VBP	EET EDI	06/03/25 00:16

Client Sample ID: SRI-A1-4B_3-5_20250522
Lab Sample ID: 460-326756-21
Date Collected: 05/22/25 15:30
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Client Sample ID: SRI-A1-4B_3-5_20250522
Lab Sample ID: 460-326756-21
Date Collected: 05/22/25 15:30
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039414	JCZ	EET EDI	05/24/25 10:59
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 14:46

Client Sample ID: SRI-B4-3_3-5_20250522
Lab Sample ID: 460-326756-22
Date Collected: 05/22/25 11:45
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-3_3-5_20250522
Lab Sample ID: 460-326756-22

Date Collected: 05/22/25 11:45
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039393	JCZ	EET EDI	05/24/25 08:25
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 15:11

Client Sample ID: SRI-B4-3_8-10_20250522
Lab Sample ID: 460-326756-23

Date Collected: 05/22/25 11:50
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Client Sample ID: SRI-B4-3_8-10_20250522
Lab Sample ID: 460-326756-23

Date Collected: 05/22/25 11:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039393	JCZ	EET EDI	05/24/25 08:26
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 15:37

Client Sample ID: SRI-B4-3_13-15_20250522
Lab Sample ID: 460-326756-24

Date Collected: 05/22/25 11:55
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Client Sample ID: SRI-B4-3_13-15_20250522
Lab Sample ID: 460-326756-24

Date Collected: 05/22/25 11:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039392	JCZ	EET EDI	05/24/25 08:19
Total/NA	Analysis	8260D		50	1039833	MZS	EET EDI	05/28/25 03:51

Client Sample ID: SRI-B4-3_15-17_20250522
Lab Sample ID: 460-326756-25

Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-3_15-17_20250522
Lab Sample ID: 460-326756-25
Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039392	JCZ	EET EDI	05/24/25 08:19
Total/NA	Analysis	8260D		50	1039833	MZS	EET EDI	05/28/25 04:14

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
5030C	Purge and Trap	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-326580-1	SRI-A2-4_3-5_20250520	Solid	05/20/25 08:00	05/21/25 11:10
460-326580-2	SRI-A2-4_8-10_20250520	Solid	05/20/25 08:05	05/21/25 11:10
460-326580-3	SRI-A2-4_13-15_20250520	Solid	05/20/25 08:10	05/21/25 11:10
460-326580-4	SRI-FB-3_20250520	Water	05/20/25 07:30	05/21/25 11:10
460-326580-5	SRI-B2-2_3-5_20250520	Solid	05/20/25 08:30	05/21/25 11:10
460-326580-6	SRI-B2-2_8-10_20250520	Solid	05/20/25 08:35	05/21/25 11:10
460-326580-7	SRI-B2-2_13-15_20250520	Solid	05/20/25 08:40	05/21/25 11:10
460-326580-8	SRI-A2-2_3-5_20250520	Solid	05/20/25 09:30	05/21/25 11:10
460-326580-9	SRI-A2-2_8-10_20250520	Solid	05/20/25 09:35	05/21/25 11:10
460-326580-10	SRI-A2-2_13-15_20250520	Solid	05/20/25 09:40	05/21/25 11:10
460-326580-11	SRI-A2-1_3-5_20250520	Solid	05/20/25 09:50	05/21/25 11:10
460-326580-12	SRI-A2-1_8-10_20250520	Solid	05/20/25 09:55	05/21/25 11:10
460-326580-13	SRI-A1-1_13-15_20250520	Solid	05/20/25 10:00	05/21/25 11:10
460-326580-14	SRI-X-3_13-15_20250520	Solid	05/20/25 10:05	05/21/25 11:10
460-326580-15	SRI-B1-4_22-24_20250520	Solid	05/20/25 10:30	05/21/25 11:10
460-326580-16	SRI-B2-3_22-24_20250520	Solid	05/20/25 10:45	05/21/25 11:10
460-326580-17	SRI-A2-3_3-5_20250520	Solid	05/20/25 11:45	05/21/25 11:10
460-326580-18	SRI-A2-3_8-10_20250520	Solid	05/20/25 11:50	05/21/25 11:10
460-326580-19	SRI-A2-3_10-12_20250520	Solid	05/20/25 11:55	05/21/25 11:10
460-326580-20	SRI-A3-3_3-5_20250520	Solid	05/20/25 12:40	05/21/25 11:10
460-326580-21	SRI-A3-3_5-7_20250520	Solid	05/20/25 12:45	05/21/25 11:10
460-326580-22	SRI-A3-3_13-15_20250520	Solid	05/20/25 12:50	05/21/25 11:10
460-326580-23	SRI-X-4_5-7_20250520	Solid	05/20/25 12:55	05/21/25 11:10
460-326580-24	SRI-FB-4_20250520	Water	05/20/25 13:00	05/21/25 11:10
460-326580-25	SRI-TB-3_20250520	Water	05/20/25 13:00	05/21/25 11:10
460-326580-26	SRI-TB-4_20250520	Water	05/20/25 13:00	05/21/25 11:10
460-326580-27	SRI-A3-4_3-5_20250520	Solid	05/20/25 13:20	05/21/25 11:10
460-326580-28	SRI-A3-4_6-8_20250520	Solid	05/20/25 13:25	05/21/25 11:10
460-326580-29	SRI-A3-4_13-15_20250520	Solid	05/20/25 13:30	05/21/25 11:10
460-326580-30	SRI-A3-2_3-5_20250520	Solid	05/20/25 13:40	05/21/25 11:10
460-326580-31	SRI-A3-2_8-10_20250520	Solid	05/20/25 13:45	05/21/25 11:10
460-326580-32	SRI-A3-2_13-15_20250520	Solid	05/20/25 13:50	05/21/25 11:10
460-326580-33	SRI-A3-1_3-5_20250520	Solid	05/20/25 14:10	05/21/25 11:10
460-326580-34	SRI-A3-1_8-10_20250520	Solid	05/20/25 13:45	05/21/25 11:10
460-326580-35	SRI-A3-1_13-15_20250520	Solid	05/20/25 13:50	05/21/25 11:10
460-326580-36	SRI-A4-1_3-5_20250520	Solid	05/20/25 15:00	05/21/25 11:10
460-326580-37	SRI-A4-1_7-9_20250520	Solid	05/20/25 15:05	05/21/25 11:10
460-326580-38	SRI-A4-2_3-5_20250520	Solid	05/20/25 15:10	05/21/25 11:10
460-326580-39	SRI-A4-2_6-8_20250520	Solid	05/20/25 15:15	05/21/25 11:10
460-326644-11	SRI-A1-2_3-5_20250519	Solid	05/19/25 11:15	05/20/25 23:59
460-326644-12	SRI-A1-2_8-10_20250519	Solid	05/19/25 11:20	05/20/25 23:59
460-326644-13	SRI-A1-2_13-15_20250519	Solid	05/19/25 11:25	05/20/25 23:59
460-326644-14	SRI-X-1_13-15_20250519	Solid	05/19/25 12:45	05/20/25 23:59
460-326644-15	SRI-B1-2_3-5_20250519	Solid	05/19/25 12:15	05/20/25 23:59
460-326644-16	SRI-B1-2_5-7_20250519	Solid	05/19/25 12:25	05/20/25 23:59
460-326644-17	SRI-B1-2_13-15_20250519	Solid	05/19/25 12:30	05/20/25 23:59
460-326644-18	SRI-B1-2_18-20_20250519	Solid	05/19/25 12:35	05/20/25 23:59
460-326644-19	SRI-X-2_3-5_20250519	Solid	05/19/25 13:15	05/20/25 23:59
460-326644-20	SRI-B1-1_3-5_20250519	Solid	05/19/25 13:00	05/20/25 23:59
460-326644-21	SRI-B1-3_3-5_20250519	Solid	05/19/25 13:45	05/20/25 23:59
460-326644-22	SRI-B1-3_5-7_20250519	Solid	05/19/25 13:55	05/20/25 23:59
460-326644-23	SRI-B1-3_13-15_20250519	Solid	05/19/25 14:00	05/20/25 23:59
460-326644-24	SRI-B1-4_3-5_20250519	Solid	05/19/25 14:15	05/20/25 23:59
460-326644-25	SRI-B1-4_5-7_20250519	Solid	05/19/25 14:20	05/20/25 23:59

Sample Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-326644-26	SRI-B1-4_13-15_20250519	Solid	05/19/25 14:25	05/20/25 23:59
460-326644-27	SRI-B1-4_17-19_20250519	Solid	05/19/25 14:30	05/20/25 23:59
460-326644-33	SRI-B2-1_3-5_20250519	Solid	05/19/25 14:40	05/20/25 23:59
460-326644-34	SRI-B1-4_18-20_20250519	Solid	05/19/25 14:35	05/20/25 23:59
460-326644-35	SRI-B2-1_18-20_20250519	Solid	05/19/25 14:45	05/20/25 23:59
460-326644-36	SRI-B2-1_13-15_20250519	Solid	05/19/25 15:00	05/20/25 23:59
460-326644-37	SRI-B2-1_8-10_20250519	Solid	05/19/25 14:50	05/20/25 23:59
460-326644-38	SRI-B2-3_3-5_20250519	Solid	05/19/25 15:05	05/20/25 23:59
460-326644-39	SRI-B2-3_13-15_20250519	Solid	05/19/25 15:10	05/20/25 23:59
460-326644-40	SRI-B2-3_8-10_20250519	Solid	05/19/25 15:15	05/20/25 23:59
460-326644-41	SRI-B2-3_17-19_20250519	Solid	05/19/25 15:20	05/20/25 23:59
460-326644-42	SRI-B2-4_3-5_20250519	Solid	05/19/25 15:30	05/20/25 23:59
460-326644-43	SRI-B2-4_7-9_20250519	Solid	05/19/25 15:35	05/20/25 23:59
460-326644-44	SRI-B2-4_13-15_20250519	Solid	05/19/25 15:40	05/20/25 23:59
460-326694-1	SRI-A4-4_3_5_20250521	Solid	05/21/25 08:00	05/22/25 16:00
460-326694-2	SRI-A4-4_6-8_20250521	Solid	05/21/25 08:10	05/22/25 16:00
460-326694-3	SRI-A4-3_3-5_20250521	Solid	05/21/25 08:30	05/22/25 16:00
460-326694-4	SRI-A4-3_8-10_20250521	Solid	05/21/25 08:40	05/22/25 16:00
460-326694-5	SRI-A4-3_10-12_20250521	Solid	05/21/25 08:45	05/22/25 16:00
460-326694-6	SRI-X-5_3-5_20250521	Solid	05/21/25 08:35	05/22/25 16:00
460-326694-7	SRI-FB-5_20250521	Water	05/21/25 09:00	05/22/25 16:00
460-326694-8	SRI-FB-6_20250521	Water	05/21/25 09:00	05/22/25 16:00
460-326694-9	SRI-B3-4_3-5_20250521	Solid	05/21/25 10:05	05/22/25 16:00
460-326694-10	SRI-B3-4_6-8_20250521	Solid	05/21/25 10:10	05/22/25 16:00
460-326694-11	SRI-B3-4_13-15_20250521	Solid	05/21/25 10:15	05/22/25 16:00
460-326694-12	SRI-B3-4_16-18_20250521	Solid	05/21/25 10:20	05/22/25 16:00
460-326694-13	SRI-B3-2B_8-10_20250521	Solid	05/21/25 10:50	05/22/25 16:00
460-326694-14	SRI-B3-2B_12-14_20250521	Solid	05/21/25 10:55	05/22/25 16:00
460-326694-15	SRI-B3-2A_16-18_20250521	Solid	05/21/25 11:00	05/22/25 16:00
460-326694-16	SRI-B3-3_8-10_20250521	Solid	05/21/25 11:30	05/22/25 16:00
460-326694-17	SRI-B3-3_13-15_20250521	Solid	05/21/25 11:45	05/22/25 16:00
460-326694-18	SRI-B3-3_18-20_20250521	Solid	05/21/25 11:35	05/22/25 16:00
460-326694-19	SRI-X-6_3-5_20250521	Solid	05/21/25 12:10	05/22/25 16:00
460-326694-20	SRI-B3-1_3-5_20250521	Solid	05/21/25 12:15	05/22/25 16:00
460-326694-21	SRI-B3-1_5-7_20250521	Solid	05/21/25 12:20	05/22/25 16:00
460-326694-22	SRI-TB-5_20250521	Water	05/21/25 13:00	05/22/25 16:00
460-326694-23	SRI-TB-6_20250521	Water	05/21/25 13:00	05/22/25 16:00
460-326694-24	SRI-B4-1A_3-5_20250521	Solid	05/21/25 13:45	05/22/25 16:00
460-326694-25	SRI-B4-1A_8-10_20250521	Solid	05/21/25 13:50	05/22/25 16:00
460-326694-26	SRI-B4-1A_13-15_20250521	Solid	05/21/25 13:55	05/22/25 16:00
460-326694-27	SRI-B3-2C_3-5_20250521	Solid	05/21/25 15:00	05/22/25 16:00
460-326694-28	SRI-B3-3B_3-5_20250521	Solid	05/21/25 15:15	05/22/25 16:00
460-326756-1	SRI-B4-4_3-5_20250522	Solid	05/22/25 08:55	05/23/25 16:00
460-326756-2	SRI-B4-4_8-10_20250522	Solid	05/22/25 09:00	05/23/25 16:00
460-326756-3	SRI-B4-4_13-15_20250522	Solid	05/22/25 08:50	05/23/25 16:00
460-326756-4	SRI-B4-1B_3-5_20250522	Solid	05/22/25 09:35	05/23/25 16:00
460-326756-5	SRI-B4-1B_8-10_20250522	Solid	05/22/25 09:40	05/23/25 16:00
460-326756-6	SRI-B4-1B_10-12_20250522	Solid	05/22/25 09:45	05/23/25 16:00
460-326756-7	SRI-B4-1B_15-17_20250522	Solid	05/22/25 09:50	05/23/25 16:00
460-326756-8	SRI-B4-2A_3-5_20250522	Solid	05/22/25 10:20	05/23/25 16:00
460-326756-9	SRI-B4-2A_8-10_20250522	Solid	05/22/25 10:25	05/23/25 16:00
460-326756-10	SRI-B4-2A_11-13_20250522	Solid	05/22/25 10:30	05/23/25 16:00
460-326756-11	SRI-TB-7_20250522	Water	05/22/25 15:00	05/23/25 16:00
460-326756-12	SRI-FB-7_20250522	Water	05/22/25 15:00	05/23/25 16:00

Sample Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-326756-13	SRI-B4-2B_18-20_20250522	Solid	05/22/25 14:00	05/23/25 16:00
460-326756-14	SRI-X-7_3-5_20250522	Solid	05/22/25 15:00	05/23/25 16:00
460-326756-15	SRI-A1-3B_3-5_20250522	Solid	05/22/25 15:05	05/23/25 16:00
460-326756-16	SRI-A1-3B_7-9_20250522	Solid	05/22/25 15:10	05/23/25 16:00
460-326756-17	SRI-B4-4_15-17_20250522	Solid	05/22/25 09:05	05/23/25 16:00
460-326756-18	SRI-A1-1B_3-5_20250522	Solid	05/22/25 15:15	05/23/25 16:00
460-326756-19	SRI-A1-1B_5-7_20250522	Solid	05/22/25 15:20	05/23/25 16:00
460-326756-20	SRI-A1-1B_13-15_20250522	Solid	05/22/25 15:25	05/23/25 16:00
460-326756-21	SRI-A1-4B_3-5_20250522	Solid	05/22/25 15:30	05/23/25 16:00
460-326756-22	SRI-B4-3_3-5_20250522	Solid	05/22/25 11:45	05/23/25 16:00
460-326756-23	SRI-B4-3_8-10_20250522	Solid	05/22/25 11:50	05/23/25 16:00
460-326756-24	SRI-B4-3_13-15_20250522	Solid	05/22/25 11:55	05/23/25 16:00
460-326756-25	SRI-B4-3_15-17_20250522	Solid	05/22/25 12:00	05/23/25 16:00

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

VOCs

eurofins

Client Information	Sampler:	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498.2
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 2 of 13~~ 1 of 4
Company: AKRF Inc	PWSID:			Job #:

Address: 440 Park Avenue South 7th Floor	Due Date Requested:
City: New York	TAT Requested (days):
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No
Phone: 914-922-2354(Tel)	PO #: 240979
Email: kwiles@akrf.com	WO #:
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096
Site:	SSOW#:

Analysis Requested

Preservation Codes:

460-326580 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs N	8260D TCL/SRS VOCs + 15 TICs A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A		
SR1-A2-4-3-5_20250520	5/20/25	0800	G	Solid			X			
SR1-A2-4-8-10_20250520		0805		Solid			X			
SR1-A2-4-13-15_20250520		0810		Solid			X			
SR1-FB-3_20250520		0730		Solid			X			
SR1-B2-2-3-5_20250520		0830		Solid			X			
SR1-B2-2-8-10_20250520		0835		Solid			X			
SR1-B2-2-13-15_20250520		0840		Solid			X			
SR1-A2-2-3-5_20250520		0930		Solid			X			
SR1-A2-2-8-10_20250520		0935		Solid			X			
SR1-A2-2-13-15_20250520		0940		Solid			X			
SR1-A2-1-3-5_20250520		0950		Solid			X			

REVISED 2772

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I II III IV Other (specify)	Special Instructions/QC Requirements: Deliv VOC SDG specific cat B to Earth EDD

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	5/20/25 @1530	AKRF	[signature] 05-20-25	~~5/20/25~~ 3:30PM	ET-A
Relinquished by: [signature] 05-20-25	Date/Time: ET-A 1700	Company	Received by: [signature]	Date/Time: 5/20/25 24:00	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

VOCs

eurofins

Client Information	Sampler:	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498.3
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~3 of 12~~ 2 of 4
Company: AKRF Inc	PWSID:	Analysis Requested		Job #:
Address: 440 Park Avenue South 7th Floor	te Requested:			Preservation Codes: N None A HCL
City: New York	quested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse Bronx, NY	Project #: 46036096			
Site:	SSOW#:			Other:

SHORT HOLD

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs	8260D TCL/SRS VOCs + 15 TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A		
SR1-A2-1-8-10_20250520	5/20/25	0955	G	Solid			X		4	
SR1-A2-1-13-15_20250520		1000		Solid			X		4	
SR1-X-3@20250520-13-15 20250520		1005		Solid			X		4	
SR1-B1-4-23-24_20250520		1030		Solid			X		4	
SR1-B2-3-23-24_20250520		1045		Solid			X		4	
SR1-A2-3-3-5_20250520		1145		Solid		Y	X		12	MS/MSD
SR1-A2-3-8-10_20250520		1150		Solid			X		4	
SR1-A2-3-10-12_20250520		1155		Solid			X		4	
SR1-A3-3-3-5_20250520		1240		Solid			X		4	
SR1-A3-3-5-7_20250520		1245		Solid			X		4	
SR1-A3-3-13-15_20250520		1250		Solid		Y	X		12	MS/MSD

RECEIVED 5/27/25

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	5/20/25 1530	AKRF	[signature] 05-20-25	3/30PM	ETA
[signature] 05-20-25	Date/Time: 25 ETA 1700	Company	Received by: [signature]	Date/Time: 5/21/25 2400	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

6/13/2025

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

VOCs

eurofins

Client Information	Sampler	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498.4
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~4 of 13~~ 3 of 4
Company: AKRF Inc	PWSID:	Analysis Requested		Job #:
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			Preservation Codes: N None, A HCL
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs (N)	8260D TCL/SRS VOCs + 15 TICs (A)	Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	A		
SR1-X-B4-5-7_20250520	5/20/25	1255	G	Solid			X			
SR1-FB-4_20250520		1300		~~W Solid~~			X			
SR1-TB-3_20250520		1300		Solid			X			
SR1-TB-4_20250520		1300		Solid			X			
SR1-A3-3-3-5_20250520		1320		Solid			X			
SR1-A3_3-6-8_20250520		1325		Solid			X			
SR1-A3-3-13-15_20250520		1330		Solid			X			
SR1-A3-2-3-5_20250520		1340		Solid			X			
SR1-A3-2-8-10_20250520		1345		Solid			X			
SR1-A3-2-13-15_20250520		1350		Solid			X			
SR1-A3-1-3-5_20250520		1410		Solid			X			

EDD to ELSE 5/22

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	5/20/25 1530	AKRF	[signature]	05-20-25 3:30 PM	ET A
Relinquished by: [signature] 05-20	Date/Time: ~~-25~~ ETA 1700	Company	Received by: [signature]	Date/Time: 5/21/25	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

VOCs

eurofins

Client Information	Sampler:	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498.5
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 5 of 13~~ 4 of 4
Company: AKRF Inc	PWSID:	Analysis Requested		Job #:
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			Preservation Codes. N None A HCL
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs	8260D TCL/SRS VOCs + 15 TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A		
SR1-A3-1-8-10_20250520	5/20/25	1345	G	Solid			XX			ELVSEHORD 272
SR1-A3-1-13-15_20250520		1350		Solid			XX			
SR1-A4-1-3-5_20250520		1500		Solid			XX			
SR1-A4-1-7-9_20250520		1505		Solid			XX			
SR1-A4-2-3-5_20250520		1516		Solid			XX			
SR1-A4-2-6-8_20250520		1515		Solid			XX			
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	5/20/25	AKRF	[signature] 05-20-25	3:30PM	ET A
[signature] 05-20-25	EST 1700		[signature]	5/20/25 5pm	GENE
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326560

Number of Coolers: 1 IR Gun # 17

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	°C	°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below.

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: _____ Date: 6/2/25

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

NYC 222

Chain of Custody Record

VOCs

eurofins

Client Information	Sampler:	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498.6
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~6 of 13~~ 1 of 3
Company: AKRF Inc	PWSID:	Analysis Requested		Job #: 326694
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			Preservation Codes: N None, A HCL
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse Bronx, NY	Project #: 46036096			
Site:	SSOW#:			

460-326694 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs	8260D TCL/SRS VOCs + 15 TICs		Total	Special Instructions/Note:
			Preservation Code:				N	A			
SR1-A4-4-3-5_20250521	5/21/25	0800	G	Solid			X		1	4	
SR1-A4-4-6-8_20250521		0810		Solid			X		2		
SR1-A4-3-3-5_20250521		0820		Solid			X		3		
SR1-A4-3-8-10_20250521		0840		Solid		Y	X		4	12	MS/MSD
SR1-A4-3-10-12_20250521		0845		Solid			X		5	4	
SR1-~~B4~~ X-5-3-5_20250521		0835		Solid			X		6	4	
SR1-FB-5_20250521		0900		~~Solid~~ W			X		7	2	
SR1-FB-6_20250521		0900		~~Solid~~ W			X		8	2	
SR1-B3-4-3-5_20250521		1005		Solid			X		9	4	
SR1-B3-4-6-8_20250521		1010		Solid			X		10	4	
SR1-B3-4-13-15_20250521		1015		Solid			X		11	4	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements: Emp SDG open; Cat B; EQuIS EDD

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/21/25 @ 1700	AKRF		05/21/25 17 00	TAN VC
2	Relinquished by:	05/21/25 17:30	TA NVC	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5 22 1600	Company ETH

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

VOCs

eurofins

NYC 222

Client Information	Sampler: M Miller	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498.7
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 7 of 13 → 2 of 3
Company: AKRF Inc	PWSID:	Analysis Requested		Job #: 326694
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			Preservation Codes: N None, A HCL
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs N	8260D TCL/SRS VOCs + 15 TICs A		Total Number of ...	Special Instructions/Note.
			Preservation Code:								
SRI-B3-4-16-18_20250521	5/21/25	1020	G	Solid			X		12	4	
SRI-B3-2B-8-10_20250521		1050		Solid			X		13	4	
SRI-B3-2B-12-14_20250521		1055		Solid			X		14	4	
SRI-B3-2A-16-18_20250521		1100		Solid		Y	X		15	12	MS/MSD
SRI-B3-3-8-10_20250521		1130		Solid			X		16	4	
SRI-B3-3-13-15_20250521		1145		Solid			X		17	4	
SRI-B3-3-18-20_20250521		1135		Solid			X		18	4	
SRI-X-C6-3-5_20250521		1210		Solid			X		19	4	
SRI-B3-1-3-5_20250521		1215		Solid			X		20	4	
SRI-B3-1-5-7_20250521		1220		Solid			X		21	4	
SRI-TB-5_20250521		1300		Solid			X		22	2	

SHORT HOLD

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: II, III IV Other (specify)

Special Instructions/QC Requirements: Use SRI open; Cat B; Fax is

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	M Miller	5/21/25 @1700	AKRF			
2		05/21/25 17:30			05/21/25 17:00	TA NYC
3				Rose M	5/22 1600	ETA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

6/13/2025

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

VOCs

eurofins

NYC 222

Client Information	Sampler:	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498.8
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~2 of 3~~ 3 of 3
Company: AKRF Inc	PWSID:			Job #: 326694
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: ∆ Yes ∆ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse Bronx, NY	Project #: 46036096			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
A HCL

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs	8260D TCL/SRS VOCs + 15 TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A		
SRI-TB-Co_20250521	5/21/25	1300	G	Solid			X	23	4	
SRI-B4-1A-3-5_20250521		1345		Solid			X	24	4	
SRI-B4-1A-8-10_20250521		1350		Solid			X	25	4	
SRI-B4-1A-13-15_20250521		1355		Solid			X	26	4	
SRI-B3-2C-3-5_20250521		1500		Solid			X	27	4	
SRI-B3-3B-3-5_20250521		1515		Solid			X	28	4	
~~SRI-X-Co_3-5_20250521~~ (MW)				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	5/21/25 @ 1700	AKRF	[signature]	05/21/25 17:00	TAL NYC
2	[signature]	05/21/25 17:30	TAL NYC	[signature]		
3				[signature]	5/22 1600	ETA

Custody Seals Intact: ∆ Yes ∆ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326694

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	°C	°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: RN Date: 5/22/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

VOCs

eurofins | Environment Testing

Client Information	Sampler: M Miller	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No:
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: 1 of 3
Company: AKRF Inc	PWSID:			Job #: 326756
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
A HCL

460-326756 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs N	8260D TCL/SRS VOCs + 15 TICs A	Tot	Special Instructions/Note:
			Preservation Code:				N	A		
SR1-B4-4-3.5_20250522	5/22/25	0855	G	Solid			X		1	
SR1-B4-4-8-10_20250522		0900		Solid			X		2	
SR1-B4-4-13-15_20250522		0850		Solid			X		3	
SR1-B4-1B_3-5_20250522		0935		Solid			X		4	
SR1-B4-1B_8-10_20250522		0940		Solid			X		5	
SR1-B4-1B_10-12_20250522		0945		Solid			X		6	
SR1-B4-1B_15-17_20250522		0950		Solid			X		7	
SR1-B4-2A_3.5_20250522		1020		Solid			X		8	
SR1-B4-2A_8-10_20250522		1025		Solid			X		9	
SR1-B4-2A_11-13_20250522		1030		Solid			X		10	
(M) SR1-B4-[illegible]_20250522		1035		Solid			X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements: 4.4° C

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	M Miller	5/22/25 @1600	AKRF	J Hunt 05-23-25	4 00 pm	ETA
2	J Hunt 05-23-25	1700	ETA			
3				Rose M	5/23 1600	ETA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498 10
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin	Page: ~~Page 10 of 10~~ 2 of 3
Company: AKRF inc	PWSID:	Analysis Requested		Job #: 326756
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			Preservation Codes. N None A HCL
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			Other
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs N	8260D TCL/SRS VOCs + 15 TICs A	SHORT HOLD	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SRI-TB-7_20250522	5/22/25	1500	G	~~Water~~ Solid			X			11	Elmsford, 272
SRI-FB-7_20250522		1500		~~Water~~ Solid			X			12	
SRI-B4-2B_18-20_20250522		1400		Solid			X			13	
SRI-X-7B-5_20250522		1500		Solid			X			14	
SRI-A1-3B_3-5_20250522		1505		Solid			X			15	
SRI-A1-3B_7-9_20250522		1510		Solid			X			16	
SRI-B4-4_15-17_20250522		0905		Solid			X			17	
SRI-A1-1B_3-5_20250522		1515		Solid		Y	X			18	MS/MSD
SRI-A1-1B_5-7_20250522		1520		Solid			X			19	
SRI-A1-1B_13-15_20250522		1525		Solid			X			20	
SRI-A1-4B_3-5_20250522		1530		Solid			X			21	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements: 4.4°C

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company		Date/Time:	Company
Relinquished by:	5/22/25 1600	AKRF	Received by:	05-22-25 4.00PM	ETA
Relinquished by:	05-22-25 1700	ETA	Received by:	5/23 1600	ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks.

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498 11
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 11 ~~of 13~~ 3 of 3
Company: AKRF Inc	PWSID:			Job #: 326456
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			

Analysis Requested

Preservation Codes.
N None
A HCL

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oi BT=Tissue, A=Al DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs	8260D TCL/SRS VOCs + 15 TICs																Total Number of containers	Special Instructions/Note:
Preservation Code:							N	A																	
SR1-B4-3_3-5_20250522	5/22/25	1145	G	Solid			X		22																Elmsford, 272
SR1-B4-3_8-10_20250522	↓	1150	↓	Solid			X		23																
SR1-B4-3_13-15_20250522	↓	1155	↓	Solid			X		24																
SR1-B4-3_15-17_20250522	↓	1200	↓	Solid			X		25																
				Solid																					
				Solid																					
				Solid																					
				Solid																					
				Solid																					
				Solid																					
				Solid																					
				Solid																					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements. 4.4°

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	5/22/25 @1600	AKRF		05-22-25 4:00 PM	ETA
Relinquished by:	05-22-25 1700, ETA	Company	Received by:	Date/Time: 5/	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326756

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	4.4 °C	4.8 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: RN Date: 5/23/25

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326580-1

Login Number: 326580
List Number: 1
Creator: Casallas, Angela C

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326580-1

Login Number: 326644
List Number: 1
Creator: Haas, Melissa

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326580-1

Login Number: 326694
List Number: 1
Creator: Nelson, Rose E

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	False	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326580-1

Login Number: 326756
List Number: 1
Creator: Nelson, Rose E

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kenneth Wiles
AKRF Inc
440 Park Avenue South
7th Floor
New York, New York 10016

Generated 6/13/2025 8:27:38 AM

JOB DESCRIPTION

350 Grand Concourse, Bronx, NY

JOB NUMBER

460-326691-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
6/13/2025 8:27:38 AM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Detection Summary 8
Client Sample Results 33
Surrogate Summary 167
QC Sample Results 175
QC Association Summary 287
Lab Chronicle 325
Certification Summary 362
Method Summary 363
Sample Summary 364
Subcontract Data 366
Chain of Custody 405
Receipt Checklists 415

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
A	The tentatively identified compound is a suspected aldol-condensation product.
J	Indicates an estimated value.
N	This flag indicates the presumptive evidence of a compound.

GC VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
D	The reported value is from a dilution.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
J	Indicates an estimated value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-326691-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.
Receipt
The samples were received on 5/20/2025 5:00 PM, 5/21/2025 4:00 PM, 5/21/2025 5:00 PM and 5/22/2025 5:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 3.8°C, 4.4°C and 5.6°C for jobs 460- 326691, 460-326877 and 460- 327048.

Receipt Exceptions
The Field Sampler was not listed on the Chain of Custody for jobs 460-326691 and 460-326806

No matrix recorded on the COC for samples 10 or 11. No TAT recorded on the COC. No container totals recorded on the COC.

The Chain of Custody was received without any analyses selected for job 460-326806

Receipt temperatures were not recorded on the chain of custody forms for the samples indicated below.. Most analytical methods require chilling samples to 4° C. For these methods, the criteria are met if the samples are chilled to below 6° C and above freezing (0°C). Client provided Eurofins all samples on ice and the samples shall be considered acceptable.

Affected samples in job 460-326691: Sample IDs beginning with 460-326806 .Courier did not sign or record receipt temperature on the COC of job 460-326806

The following sample had insufficient volume for DRO analysis: A4-3_3-5_20250521 (460-326877-3), B3-4_3-5_20250521 (460-326877-9) and A3-1_3-5_20250520 (460-326691-17).

Subcontract Work
Method EOX by 9023 + % Solids SM2540G: This method was subcontracted to Hampton-Clarke, Inc. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

GC/MS Semi VOA
Method 8270E: The laboratory control sample duplicate (LCSD) for preparation batch 460-1040354 and analytical batch 460-1040407 recovered outside control limits for the following analytes: Atrazine. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-1040410 was outside the method criteria for the following analyte(s): 1,4-Dioxane and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 460-1040352 and analytical batch 460-1040410 recovered outside control limits for the following analyte(s): 2,4-Dimethylphenol. These analytes have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics
Method 8015D_GRO: Surrogate recovery for the following sample was outside the upper control limit: A3-1_13-15_20250520

Job ID: 460-326691-1 (Continued) Eurofins Edison

(460-326691-19). This sample did not contain any target analytes; therefore, re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Herbicides
Method 8151A: The closing continuing calibration verification (CCVC) associated with batch 460-1040422 recovered above the upper control limit for Silvex (2,4,5-TP). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.
(CCV 460-1040422/30)

Method 8151A: The laboratory control sample (LCS) for preparation batch 460-1040404 and analytical batch 460-1040422 recovered outside control limits for Silvex (2,4,5-TP). This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8151A: The closing calibration verification (CCVC) associated with batch 460-1040422 recovered above the upper control limit for 2,4,5-T and Silvex (2,4,5-TP). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Hydrocarbons
Method NJEPH: 1-Chlorooctadecane surrogate recovery for this LCS and LCSD was outside control limits but o-Terphenyl surrogate and spike recoveries were within control limits; therefore the data have been qualified and reported.(LCS 460-1040490/2-A) and (LCSD 460-1040490/3-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
Method 8081B: The %RPD between the primary and confirmation column / detector exceeded 40% for 4,4'-DDT for the following sample: A2_10-15_20250520 (460-326691-10). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: B2_0-5_20250520 (460-326691-1), B2_5-10_20250520 (460-326691-2), B2_10-15_20250520 (460-326691-3), B2_15-20_20250520 (460-326691-4), A2_0-5_20250520 (460-326691-8), A2_5-10_20250520 (460-326691-9), A2_10-15_20250520 (460-326691-10), A3_0-5_20250520 (460-326691-14), A3_5-10_20250520 (460-326691-15) and A3_10-15_20250520 (460-326691-16).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_0-5_20250520 — Lab Sample ID: 460-326691-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.023	J	0.037	0.0098	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.029	J	0.037	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.019	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.014	J	0.037	0.0072	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.020	J	0.37	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.023	J	0.037	0.016	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.037	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.034	J	0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.015	J	0.37	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.031	J	0.37	0.0092	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	220		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	12500		17.4	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.57	J	0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.9		0.87	0.090	mg/Kg	1	☼	6020B	Total/NA
Barium	55.9		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.41		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	5.9	J	34.9	1.9	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.87	0.099	mg/Kg	1	☼	6020B	Total/NA
Calcium	30200		87.2	8.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.8		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.8		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	23.1		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	17300		52.3	6.7	mg/Kg	1	☼	6020B	Total/NA
Lead	42.5		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6760		87.2	8.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	325		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.0		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1280		87.2	14.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.14	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	597		87.2	39.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.089	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Tin	2.0	J	7.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.9		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	76.1		7.0	0.95	mg/Kg	1	☼	6020B	Total/NA
Barium	427		40.0	9.1	ug/L	10		6020B	TCLP
Lead	12.5		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	10.7	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.14		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA
pH	10.1	HF			SU	1		9045D	Total/NA
Temperature	21.8	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.1	HF			SU	1		9045D	Total/NA

Client Sample ID: B2_5-10_20250520 — Lab Sample ID: 460-326691-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.017	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.023	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	470		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	11000		16.1	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.19	J	0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.2		0.81	0.083	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: B2_5-10_20250520 (Continued)
Lab Sample ID: 460-326691-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	57.8		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.64		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	3.1	J	32.2	1.7	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.29	J	0.81	0.091	mg/Kg	1	☼	6020B	Total/NA
Calcium	7160		80.6	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	22.3		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	17.3		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	20400		48.4	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	37.0		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4880		80.6	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	410		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	17.8		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1450		80.6	13.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.14	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Sodium	265		80.6	36.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Tin	1.1	J	6.4	0.98	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.4		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	70.1		6.4	0.88	mg/Kg	1	☼	6020B	Total/NA
Barium	654		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	8.5	J	9.2	2.9	ug/L	10		6020B	TCLP
Lead	55.7		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	31.8	J	40.0	9.1	ug/L	10		6020B	TCLP
Zinc	595		160	65.2	ug/L	10		6020B	TCLP
Mercury	0.034		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA
pH	9.6	HF			SU	1		9045D	Total/NA
Temperature	21.6	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.6	HF			SU	1		9045D	Total/NA

Client Sample ID: B2_10-15_20250520
Lab Sample ID: 460-326691-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.028	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.026	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	78		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	8780		17.0	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.28	J	0.85	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.3		0.85	0.088	mg/Kg	1	☼	6020B	Total/NA
Barium	48.1		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.94		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	3.0	J	34.0	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.11	J	0.85	0.096	mg/Kg	1	☼	6020B	Total/NA
Calcium	61800		85.1	8.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	21.8		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.3		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	19.4		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	29400		51.0	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	22.3		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	8760		85.1	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	643		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B2_10-15_20250520 (Continued) — Lab Sample ID: 460-326691-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	19.6		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1990		85.1	13.8	mg/Kg	1	☼	6020B	Total/NA
Sodium	332		85.1	38.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Tin	1.6	J	6.8	1.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	36.9		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	70.6		6.8	0.93	mg/Kg	1	☼	6020B	Total/NA
Barium	747		40.0	9.1	ug/L	10		6020B	TCLP
Nickel	33.8	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.016	J	0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA
pH	9.9	HF			SU	1		9045D	Total/NA
Temperature	21.5	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.9	HF			SU	1		9045D	Total/NA

Client Sample ID: B2_15-20_20250520 — Lab Sample ID: 460-326691-4

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total EPH (C9-C40)	43		18	18	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	11200		18.7	5.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.21	J	0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.0		0.93	0.096	mg/Kg	1	☼	6020B	Total/NA
Barium	67.1		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.7		0.37	0.021	mg/Kg	1	☼	6020B	Total/NA
Boron	3.4	J	37.3	2.0	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.15	J	0.93	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	9430		93.3	9.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	28.4		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	15.1		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	23.0		1.9	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	25100		56.0	7.1	mg/Kg	1	☼	6020B	Total/NA
Lead	42.1		0.56	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6450		93.3	9.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	515		3.7	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	30.9		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	2160		93.3	15.1	mg/Kg	1	☼	6020B	Total/NA
Sodium	419		93.3	42.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.25	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Tin	2.5	J	7.5	1.1	mg/Kg	1	☼	6020B	Total/NA
Vanadium	41.2		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	124		7.5	1.0	mg/Kg	1	☼	6020B	Total/NA
Barium	802		40.0	9.1	ug/L	10		6020B	TCLP
Nickel	145		40.0	9.1	ug/L	10		6020B	TCLP
Zinc	135	J	160	65.2	ug/L	10		6020B	TCLP
pH	10.3	HF			SU	1		9045D	Total/NA
Temperature	21.4	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.3	HF			SU	1		9045D	Total/NA

Client Sample ID: B2-2_3-5_20250520 — Lab Sample ID: 460-326691-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	670		44	2.8	mg/Kg	5	☼	8015D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B2-2_8-10_20250520 — Lab Sample ID: 460-326691-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	100		9.0	0.57	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: B2-2_13-15_20250520 — Lab Sample ID: 460-326691-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	30		9.1	0.57	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: A2_0-5_20250520 — Lab Sample ID: 460-326691-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1'-Biphenyl	0.021	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.061	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.12	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.43		0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.52		0.036	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.47		0.036	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.65		0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.31	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.24		0.036	0.0070	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.16	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.53		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.068		0.036	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.13	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.7		0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.12	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.35		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.12	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.8		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.1		0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDT	0.0033	J	0.0073	0.0013	mg/Kg	1	☼	8081B	Total/NA
Total EPH (C9-C40)	66		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	10400		17.4	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.95		0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.9		0.87	0.089	mg/Kg	1	☼	6020B	Total/NA
Barium	110		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.49		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	4.9	J	34.7	1.9	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.43	J	0.87	0.098	mg/Kg	1	☼	6020B	Total/NA
Calcium	27300		86.8	8.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.4		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.1		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	26.4		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	18300		52.1	6.6	mg/Kg	1	☼	6020B	Total/NA
Lead	150		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6770		86.8	8.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	318		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.3		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1570		86.8	14.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.26	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	547		86.8	39.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Tin	8.8		6.9	1.1	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A2_0-5_20250520 (Continued)
Lab Sample ID: 460-326691-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	29.2		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	174		6.9	0.95	mg/Kg	1	☼	6020B	Total/NA
Barium	598		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	4.4	J	9.2	2.9	ug/L	10		6020B	TCLP
Lead	189		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	9.1	J	40.0	9.1	ug/L	10		6020B	TCLP
Zinc	121	J	160	65.2	ug/L	10		6020B	TCLP
Mercury	0.19		0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA
pH	10.5	HF			SU	1		9045D	Total/NA
Temperature	21.3	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.5	HF			SU	1		9045D	Total/NA

Client Sample ID: A2_5-10_20250520
Lab Sample ID: 460-326691-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.013	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.045		0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.039		0.035	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.047		0.035	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.030	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.023	J	0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.037	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.022	J	0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.075	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.040		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.049	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.064	J	0.35	0.0087	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDT	0.0036	J	0.0071	0.0013	mg/Kg	1	☼	8081B	Total/NA
Dieldrin	0.011		0.0021	0.00093	mg/Kg	1	☼	8081B	Total/NA
Total EPH (C9-C40)	120		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	9410		16.7	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.28	J	0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.2		0.83	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	53.4		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.42		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	6.1	J	33.4	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.15	J	0.83	0.094	mg/Kg	1	☼	6020B	Total/NA
Calcium	44500		83.4	8.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	31.0		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.4		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	22.7		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	15900		50.0	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	190		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	9530		83.4	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	241		3.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.9		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1820		83.4	13.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.13	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	532		83.4	38.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Tin	2.6	J	6.7	1.0	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A2_5-10_20250520 (Continued) — Lab Sample ID: 460-326691-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	27.8		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	81.5		6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Barium	438		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	2.9	J	9.2	2.9	ug/L	10		6020B	TCLP
Lead	11.9	J	12.0	8.4	ug/L	10		6020B	TCLP
Nickel	10	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.10		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA
pH	10.3	HF			SU	1		9045D	Total/NA
Temperature	21.2	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.3	HF			SU	1		9045D	Total/NA

Client Sample ID: A2_10-15_20250520 — Lab Sample ID: 460-326691-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.040	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.13	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.27		0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.24		0.035	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.35		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.15	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.11		0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.056	J	0.35	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.27	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.043		0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.022	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.70		0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.039	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.17		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.55		0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.52		0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDD	0.0079		0.0072	0.0012	mg/Kg	1	☼	8081B	Total/NA
4,4'-DDE	0.0046	J	0.0072	0.00085	mg/Kg	1	☼	8081B	Total/NA
4,4'-DDT	0.0037	J p	0.0072	0.0013	mg/Kg	1	☼	8081B	Total/NA
cis-Chlordane	0.0034	J	0.0072	0.0011	mg/Kg	1	☼	8081B	Total/NA
Total EPH (C9-C40)	160		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	17000		15.9	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.27	J	0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.6		0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	41.1		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.1		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	6.3	J	31.9	1.7	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.57	J	0.80	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	36800		79.7	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	30.5		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.0		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	42.1		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	22800		47.8	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	45.4		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	16100		79.7	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	349		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	19.0		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A2_10-15_20250520 (Continued) — Lab Sample ID: 460-326691-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	2170		79.7	12.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.15	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Sodium	1980		79.7	36.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.21	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Tin	4.1	J	6.4	0.97	mg/Kg	1	☼	6020B	Total/NA
Vanadium	34.4		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	82.3		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Barium	381		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	4.0	J	9.2	2.9	ug/L	10		6020B	TCLP
Lead	21.1		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	20.4	J	40.0	9.1	ug/L	10		6020B	TCLP
Zinc	196		160	65.2	ug/L	10		6020B	TCLP
Mercury	0.10		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA
pH	9.6	HF			SU	1		9045D	Total/NA
Temperature	21.5	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.6	HF			SU	1		9045D	Total/NA

Client Sample ID: A2-3_3-5_20250520 — Lab Sample ID: 460-326691-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	590		47	3.0	mg/Kg	5	☼	8015D	Total/NA

Client Sample ID: A2-3_10-12_20250520 — Lab Sample ID: 460-326691-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	30		8.9	0.56	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: A2-3_8-10_20250520 — Lab Sample ID: 460-326691-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	51		9.5	0.60	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: A3_0-5_20250520 — Lab Sample ID: 460-326691-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.010	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.025	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.043	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.16		0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.15		0.035	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.24		0.035	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.099	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.072		0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.20	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.041		0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.40		0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.019	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.12		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.24	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.33	J	0.35	0.0087	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	230		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	8440		17.1	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.6		0.85	0.12	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A3_0-5_20250520 (Continued) — Lab Sample ID: 460-326691-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.3		0.85	0.088	mg/Kg	1	☼	6020B	Total/NA
Barium	110		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.51		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	4.5	J	34.1	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.38	J	0.85	0.096	mg/Kg	1	☼	6020B	Total/NA
Calcium	39400		85.3	8.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	24.0		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.6		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	68.0		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	16900		51.2	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	221		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	13000		85.3	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	390		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.6		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1690		85.3	13.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.20	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.086	J	0.34	0.076	mg/Kg	1	☼	6020B	Total/NA
Sodium	403		85.3	39.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.14	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Tin	12.4		6.8	1.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.1		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	158		6.8	0.93	mg/Kg	1	☼	6020B	Total/NA
Barium	756		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	4.3	J	9.2	2.9	ug/L	10		6020B	TCLP
Copper	26.9	J	40.0	24.5	ug/L	10		6020B	TCLP
Lead	80.9		12.0	8.4	ug/L	10		6020B	TCLP
Zinc	114	J	160	65.2	ug/L	10		6020B	TCLP
Mercury	0.49		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA
pH	9.6	HF			SU	1		9045D	Total/NA
Temperature	21.7	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.6	HF			SU	1		9045D	Total/NA

Client Sample ID: A3_5-10_20250520 — Lab Sample ID: 460-326691-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.032	J	0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.028	J	0.035	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.034	J	0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.019	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.013	J	0.035	0.0070	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.027	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.051	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.037		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.029	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.047	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	87		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	17200		17.7	4.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.39	J	0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.1		0.88	0.091	mg/Kg	1	☼	6020B	Total/NA
Barium	77.7		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.92		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A3_5-10_20250520 (Continued) — Lab Sample ID: 460-326691-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	4.1	J	35.4	1.9	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.21	J	0.88	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	49800		88.4	8.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	24.8		1.8	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.2		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	24.1		1.8	0.33	mg/Kg	1	☼	6020B	Total/NA
Iron	19200		53.0	6.8	mg/Kg	1	☼	6020B	Total/NA
Lead	104		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	15300		88.4	9.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	408		3.5	0.36	mg/Kg	1	☼	6020B	Total/NA
Nickel	17.1		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	2180		88.4	14.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.12	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	1430		88.4	40.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.22	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Tin	3.9	J	7.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Vanadium	33.9		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	118		7.1	0.96	mg/Kg	1	☼	6020B	Total/NA
Barium	785		40.0	9.1	ug/L	10		6020B	TCLP
Lead	54.8		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	11.8	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.22		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA
pH	9.5	HF			SU	1		9045D	Total/NA
Temperature	21.8	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.5	HF			SU	1		9045D	Total/NA

Client Sample ID: A3_10-15_20250520 — Lab Sample ID: 460-326691-16

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total EPH (C9-C40)	51		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	17700		16.7	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.30	J	0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.1		0.84	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	43.9		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.66		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	4.1	J	33.5	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.26	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA
Calcium	106000		837	81.4	mg/Kg	10	☼	6020B	Total/NA
Chromium	25.0		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.3		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	13.5		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	20100		50.2	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	29.1		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	17500		83.7	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	409		3.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.7		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	2000		83.7	13.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.12	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	1140		83.7	38.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.22	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Tin	1.8	J	6.7	1.0	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A3_10-15_20250520 (Continued) — Lab Sample ID: 460-326691-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	39.8		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	107		6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Barium	525		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	3.6	J	9.2	2.9	ug/L	10		6020B	TCLP
Mercury	0.19		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA
pH	9.4	HF			SU	1		9045D	Total/NA
Temperature	21.4	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.4	HF			SU	1		9045D	Total/NA

Client Sample ID: A3-1_3-5_20250520 — Lab Sample ID: 460-326691-17

No Detections.

Client Sample ID: A3-1_8-10_20250520 — Lab Sample ID: 460-326691-18

No Detections.

Client Sample ID: A3-1_13-15_20250520 — Lab Sample ID: 460-326691-19

No Detections.

Client Sample ID: B4_0-5_20250522 — Lab Sample ID: 460-326806-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.016	J *	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.024	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.056	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.074	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.32		0.036	0.028	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.39		0.036	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.52		0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.24	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.20		0.036	0.0072	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.021	J	0.36	0.017	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.040	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.36		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.058		0.036	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.020	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.66		0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.023	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.24		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.025	J	0.36	0.0063	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.37		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.52		0.36	0.0091	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	78		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	7260		20.8	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.26	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.1		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	148		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.35	J	0.42	0.023	mg/Kg	1	☼	6020B	Total/NA
Boron	3.1	J	41.6	2.2	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.29	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	30500		104	10.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.5		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B4_0-5_20250522 (Continued)
Lab Sample ID: 460-326806-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.5		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	29.5		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	13100		62.4	8.0	mg/Kg	1	☼	6020B	Total/NA
Lead	223		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	11200		104	10.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	235		4.2	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.7		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1230		104	16.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.17	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	224		104	47.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.097	J	0.42	0.043	mg/Kg	1	☼	6020B	Total/NA
Tin	4.9	J	8.3	1.3	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.8		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	159		8.3	1.1	mg/Kg	1	☼	6020B	Total/NA
Barium	881		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	4.0	J	9.2	2.9	ug/L	10		6020B	TCLP
Lead	175		12.0	8.4	ug/L	10		6020B	TCLP
Zinc	226		160	65.2	ug/L	10		6020B	TCLP
Mercury	0.12		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA
pH	10.2	HF			SU	1		9045D	Total/NA
Temperature	21.5	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.2	HF			SU	1		9045D	Total/NA

Client Sample ID: B4_5-10_20250522
Lab Sample ID: 460-326806-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.013	J *	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.015	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.033	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.053	J	0.38	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.22		0.038	0.029	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.25		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.34		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.15	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.12		0.038	0.0075	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.021	J	0.38	0.018	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.017	J	0.38	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.22	J	0.38	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.039		0.038	0.017	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.43		0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.14		0.038	0.015	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.014	J	0.38	0.0067	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.19	J	0.38	0.016	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.37	J	0.38	0.0096	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	74		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	6790		21.6	5.9	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.7		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	35.1		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.31	J	0.43	0.024	mg/Kg	1	☼	6020B	Total/NA
Calcium	2510		108	10.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	10.3		2.2	0.32	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B4_5-10_20250522 (Continued) — Lab Sample ID: 460-326806-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	6.2		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	11.6		2.2	0.40	mg/Kg	1	☼	6020B	Total/NA
Iron	11400		64.8	8.3	mg/Kg	1	☼	6020B	Total/NA
Lead	19.4		0.65	0.22	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2930		108	11.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	107		4.3	0.44	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.0		2.2	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	751		108	17.5	mg/Kg	1	☼	6020B	Total/NA
Sodium	151		108	49.4	mg/Kg	1	☼	6020B	Total/NA
Tin	1.6	J	8.6	1.3	mg/Kg	1	☼	6020B	Total/NA
Vanadium	10.9		2.2	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	48.4		8.6	1.2	mg/Kg	1	☼	6020B	Total/NA
Barium	445		40.0	9.1	ug/L	10		6020B	TCLP
Lead	29.5		12.0	8.4	ug/L	10		6020B	TCLP
Zinc	233		160	65.2	ug/L	10		6020B	TCLP
Mercury	0.59		0.20	0.091	ug/L	1		7470A	TCLP
Mercury	0.064		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA
pH	9.3	HF			SU	1		9045D	Total/NA
Temperature	21.4	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.3	HF			SU	1		9045D	Total/NA

Client Sample ID: B4_10-15_20250522 — Lab Sample ID: 460-326806-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.15	J *	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.039		0.036	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.044		0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.057		0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.039	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.022	J	0.036	0.0070	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.039	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.057	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.038		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.18	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.026	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.056	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	58		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	7380		20.6	5.6	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.91	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	60.9		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.25	J	0.41	0.023	mg/Kg	1	☼	6020B	Total/NA
Calcium	11300		103	10.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.9		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	10.5		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	121		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	12800		61.7	7.9	mg/Kg	1	☼	6020B	Total/NA
Lead	31.2		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6480		103	10.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	147		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.4		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1890		103	16.7	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B4_10-15_20250522 (Continued)
Lab Sample ID: 460-326806-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.37	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	278		103	47.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Tin	1.8	J	8.2	1.3	mg/Kg	1	☼	6020B	Total/NA
Vanadium	17.9		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	55.6		8.2	1.1	mg/Kg	1	☼	6020B	Total/NA
Barium	1030		40.0	9.1	ug/L	10		6020B	TCLP
Lead	122		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	9.3	J	40.0	9.1	ug/L	10		6020B	TCLP
Zinc	71.5	J	160	65.2	ug/L	10		6020B	TCLP
Mercury	0.22		0.20	0.091	ug/L	1		7470A	TCLP
Mercury	0.049		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA
pH	10.1	HF			SU	1		9045D	Total/NA
Temperature	21.4	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.1	HF			SU	1		9045D	Total/NA

Client Sample ID: B4_15-20_20250522
Lab Sample ID: 460-326806-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.11	J *	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.013	J	0.038	0.0097	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.019	J	0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.20	J	0.38	0.0065	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.016	J	0.38	0.0094	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	23		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	4160		20.0	5.5	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.3		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	20.5		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.6		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Boron	2.1	J	39.9	2.1	mg/Kg	1	☼	6020B	Total/NA
Calcium	5150		99.9	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	33.8		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.4		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	16.3		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	27800		59.9	7.6	mg/Kg	1	☼	6020B	Total/NA
Lead	26.7		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3000		99.9	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	255		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	22.4		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	508		99.9	16.2	mg/Kg	1	☼	6020B	Total/NA
Sodium	120		99.9	45.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.072	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Tin	2.6	J	8.0	1.2	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.7		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	89.9		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Barium	550		40.0	9.1	ug/L	10		6020B	TCLP
Lead	14.4		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	38.1	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.15	J	0.20	0.091	ug/L	1		7470A	TCLP
pH	8.3	HF			SU	1		9045D	Total/NA
Temperature	21.6	HF			Degrees C	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B4_15-20_20250522 (Continued) — Lab Sample ID: 460-326806-4

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Corrosivity	8.3	HF			SU	1		9045D	Total/NA

Client Sample ID: B1-B2_20-25_20250522 — Lab Sample ID: 460-326806-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.21	J *	0.44	0.012	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.27	J	0.44	0.0076	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	33		19	19	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	8210		23.8	6.5	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.74	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Barium	47.9		2.4	0.17	mg/Kg	1	☼	6020B	Total/NA
Beryllium	2.2		0.48	0.026	mg/Kg	1	☼	6020B	Total/NA
Boron	3.3	J	47.5	2.6	mg/Kg	1	☼	6020B	Total/NA
Calcium	10200		119	11.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	36.6		2.4	0.35	mg/Kg	1	☼	6020B	Total/NA
Cobalt	10.6		2.4	0.18	mg/Kg	1	☼	6020B	Total/NA
Copper	26.5		2.4	0.44	mg/Kg	1	☼	6020B	Total/NA
Iron	39600		71.3	9.1	mg/Kg	1	☼	6020B	Total/NA
Lead	19.9		0.71	0.24	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6010		119	12.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	536		4.8	0.48	mg/Kg	1	☼	6020B	Total/NA
Nickel	28.6		2.4	0.21	mg/Kg	1	☼	6020B	Total/NA
Potassium	1470		119	19.2	mg/Kg	1	☼	6020B	Total/NA
Sodium	328		119	54.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.48	0.049	mg/Kg	1	☼	6020B	Total/NA
Tin	3.0	J	9.5	1.4	mg/Kg	1	☼	6020B	Total/NA
Vanadium	66.2		2.4	0.24	mg/Kg	1	☼	6020B	Total/NA
Zinc	86.7		9.5	1.3	mg/Kg	1	☼	6020B	Total/NA
Barium	347		40.0	9.1	ug/L	10		6020B	TCLP
Lead	11.0	J	12.0	8.4	ug/L	10		6020B	TCLP
Nickel	55.2		40.0	9.1	ug/L	10		6020B	TCLP
Sulfide, Reactive	20.8		20.0	20.0	mg/Kg	1		9034	Total/NA
pH	8.4	HF			SU	1		9045D	Total/NA
Temperature	21.7	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.4	HF			SU	1		9045D	Total/NA

Client Sample ID: B4-1B_3-5_20250522 — Lab Sample ID: 460-326806-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	200		46	2.9	mg/Kg	5	☼	8015D	Total/NA

Client Sample ID: B4-1B_8-10_20250522 — Lab Sample ID: 460-326806-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	21		8.9	0.56	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: B4-4_13-15_20250522 — Lab Sample ID: 460-326806-8

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
GRO	54		8.5	8.5	mg/Kg	500	☼	8015D	Total/NA
C10-C44	520		91	5.7	mg/Kg	10	☼	8015D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B4-4_15-17_20250522 — Lab Sample ID: 460-326806-9

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
GRO	27		0.94	0.94	mg/Kg	50	☼	8015D	Total/NA
C10-C44	37		9.6	0.61	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: B1-4_20-22_20250522 — Lab Sample ID: 460-326806-10

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
GRO	48		5.4	5.4	mg/Kg	200	☼	8015D	Total/NA
C10-C44	26		9.5	0.60	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: A4_0-5_20250521 — Lab Sample ID: 460-326877-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.027	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.10		0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.10		0.035	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.13		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.080	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.051		0.035	0.0070	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.11	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.018	J	0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.22	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.074		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0097	J	0.35	0.0061	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.16	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.21	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	170		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	8770		17.1	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.3		0.85	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.7		0.85	0.088	mg/Kg	1	☼	6020B	Total/NA
Barium	269		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.39		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	4.8	J	34.2	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.69	J	0.85	0.097	mg/Kg	1	☼	6020B	Total/NA
Calcium	39900		85.4	8.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.1		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.4		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	32.1		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	14200		51.2	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	434		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	10500		85.4	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	268		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.2		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1590		85.4	13.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.20	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.13	J	0.34	0.076	mg/Kg	1	☼	6020B	Total/NA
Sodium	487		85.4	39.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Tin	18.1		6.8	1.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.6		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	260	B	6.8	0.93	mg/Kg	1	☼	6020B	Total/NA
Barium	635		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	5.3	J	9.2	2.9	ug/L	10		6020B	TCLP

This Detection Summary does not include radiochemical test results.

Client Sample ID: A4_0-5_20250521 (Continued)
Lab Sample ID: 460-326877-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	15.0	J	40.0	12.2	ug/L	10		6020B	TCLP
Lead	908		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	16.1	J	40.0	9.1	ug/L	10		6020B	TCLP
Zinc	292		160	65.2	ug/L	10		6020B	TCLP
Mercury	0.24		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.14	J	0.24	0.13	mg/Kg	1	☼	9012B	Total/NA
pH	10.7	HF			SU	1		9045D	Total/NA
Temperature	21.6	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.7	HF			SU	1		9045D	Total/NA

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.028	J	0.037	0.028	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.024	J	0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.027	J	0.037	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.016	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.012	J	0.037	0.0074	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.025	J	0.37	0.016	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.054	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.015	J	0.037	0.015	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.037	J	0.37	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.047	J	0.37	0.0093	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	280		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	12600		17.7	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.48	J	0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.4		0.88	0.091	mg/Kg	1	☼	6020B	Total/NA
Barium	125		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.46		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	5.0	J	35.3	1.9	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	0.88	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	47200		88.3	8.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	27.6		1.8	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.3		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	18.5		1.8	0.33	mg/Kg	1	☼	6020B	Total/NA
Iron	19800		53.0	6.8	mg/Kg	1	☼	6020B	Total/NA
Lead	124		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	10900		88.3	9.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	320		3.5	0.36	mg/Kg	1	☼	6020B	Total/NA
Nickel	17.8		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	3000		88.3	14.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.19	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	446		88.3	40.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.17	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Tin	3.9	J	7.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Vanadium	33.8		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	106	B	7.1	0.96	mg/Kg	1	☼	6020B	Total/NA
Barium	497		40.0	9.1	ug/L	10		6020B	TCLP
Lead	13.5		12.0	8.4	ug/L	10		6020B	TCLP
Mercury	0.12		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA
pH	11.3	HF			SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A4_5-10_20250521 (Continued) — Lab Sample ID: 460-326877-2

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Temperature	21.5	HF			Degrees C	1		9045D	Total/NA
Corrosivity	11.3	HF			SU	1		9045D	Total/NA

Client Sample ID: A4-3_3-5_20250521 — Lab Sample ID: 460-326877-3

No Detections.

Client Sample ID: A4-3_8-10_20250521 — Lab Sample ID: 460-326877-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	31		9.3	0.59	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: B3_0-5_20250521 — Lab Sample ID: 460-326877-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.011	J	0.036	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.014	J	0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.011	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.017	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.016	J	0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	83		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	4510		16.9	4.6	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.4		0.84	0.087	mg/Kg	1	☼	6020B	Total/NA
Barium	34.7		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.31	J	0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	3.8	J	33.8	1.8	mg/Kg	1	☼	6020B	Total/NA
Calcium	6010		84.4	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.9		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.9		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	12.8		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	34400		50.7	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	6.2		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3860		84.4	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	449		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.1		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1360		84.4	13.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.19	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	219		84.4	38.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.0		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	31.3		6.8	0.92	mg/Kg	1	☼	6020B	Total/NA
Barium	721		40.0	9.1	ug/L	10		6020B	TCLP
Lead	33.1		12.0	8.4	ug/L	10		6020B	TCLP
Zinc	84.7	J	160	65.2	ug/L	10		6020B	TCLP
Mercury	0.18		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.15	J	0.26	0.14	mg/Kg	1	☼	9012B	Total/NA
pH	10.4	HF			SU	1		9045D	Total/NA
Temperature	22.6	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.4	HF			SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B3_10-15_20250521 — Lab Sample ID: 460-326877-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.030	J	0.37	0.010	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.015	J	0.37	0.0064	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	39		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	10100		16.8	4.6	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.1		0.84	0.087	mg/Kg	1	☼	6020B	Total/NA
Barium	47.9		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.56		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	2.5	J	33.7	1.8	mg/Kg	1	☼	6020B	Total/NA
Calcium	19300		84.2	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.0		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.5		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	14.8		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	17600		50.5	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	7.4		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	7770		84.2	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	274		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.0		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	2450		84.2	13.6	mg/Kg	1	☼	6020B	Total/NA
Sodium	513		84.2	38.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.18	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Tin	1.2	J	6.7	1.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	29.7		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	45.3	B	6.7	0.92	mg/Kg	1	☼	6020B	Total/NA
Barium	351		40.0	9.1	ug/L	10		6020B	TCLP
Lead	8.5	J	12.0	8.4	ug/L	10		6020B	TCLP
Nickel	14.0	J	40.0	9.1	ug/L	10		6020B	TCLP
pH	10	HF			SU	1		9045D	Total/NA
Temperature	21.3	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10	HF			SU	1		9045D	Total/NA

Client Sample ID: B3_15-20_20250521 — Lab Sample ID: 460-326877-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.013	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	15		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	7290		16.0	4.4	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.55	J	0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	44.5		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.76		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	2.1	J	32.0	1.7	mg/Kg	1	☼	6020B	Total/NA
Calcium	27500		80.1	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.3		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	14.8		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	16200		48.0	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	10.8		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	16900		80.1	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	220		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.7		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1530		80.1	13.0	mg/Kg	1	☼	6020B	Total/NA
Sodium	229		80.1	36.6	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B3_15-20_20250521 (Continued) — Lab Sample ID: 460-326877-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.11	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.7		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	44.8	B	6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Barium	408		40.0	9.1	ug/L	10		6020B	TCLP
Nickel	52.0		40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.013	J	0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA
pH	10.1	HF			SU	1		9045D	Total/NA
Temperature	21.8	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.1	HF			SU	1		9045D	Total/NA

Client Sample ID: B3_5-10_20250521 — Lab Sample ID: 460-326877-8

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total EPH (C9-C40)	24		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	11200		16.8	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.13	J	0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.8		0.84	0.087	mg/Kg	1	☼	6020B	Total/NA
Barium	38.6		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.57		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	3.0	J	33.7	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.30	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA
Calcium	21700		84.2	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.1		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.2		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	16.9		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	17100		50.5	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	18.3		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6340		84.2	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	317		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.1		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1640		84.2	13.6	mg/Kg	1	☼	6020B	Total/NA
Sodium	547		84.2	38.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.16	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.5		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	51.8	B	6.7	0.92	mg/Kg	1	☼	6020B	Total/NA
Barium	390		40.0	9.1	ug/L	10		6020B	TCLP
Lead	10.9	J	12.0	8.4	ug/L	10		6020B	TCLP
Nickel	9.6	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.048		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA
pH	9.8	HF			SU	1		9045D	Total/NA
Temperature	21.3	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.8	HF			SU	1		9045D	Total/NA

Client Sample ID: B3-4_3-5_20250521 — Lab Sample ID: 460-326877-9

No Detections.

Client Sample ID: B3-4_6-8_20250521 — Lab Sample ID: 460-326877-10

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B3-4_13-15_20250521 — Lab Sample ID: 460-326877-11

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
GRO	440		50	50	mg/Kg	2500	☼	8015D	Total/NA
C10-C44	30		9.0	0.57	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: B3-4_16-18_20250521 — Lab Sample ID: 460-326877-12

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
GRO	370		46	46	mg/Kg	2500	☼	8015D	Total/NA
C10-C44	61		9.3	0.58	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: A1_0-5_20250519 — Lab Sample ID: 460-327048-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.025	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.040	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.12		0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.12		0.035	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.14		0.035	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.10	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.055		0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.021	J	0.35	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.11	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.019	J	0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.016	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.26	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.086		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0069	J	0.35	0.0060	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.24	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.20	J	0.35	0.0087	mg/Kg	1	☼	8270E	Total/NA
Aluminum	10200		17.2	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.49	J	0.86	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.8		0.86	0.089	mg/Kg	1	☼	6020B	Total/NA
Barium	113		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.52		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	5.1	J	34.4	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.32	J	0.86	0.097	mg/Kg	1	☼	6020B	Total/NA
Calcium	55600		86.0	8.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.8		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.7		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	27.4		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	16400		51.6	6.6	mg/Kg	1	☼	6020B	Total/NA
Lead	143		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	15100		86.0	8.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	300		3.4	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.5		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	2280		86.0	13.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.12	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	576		86.0	39.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.16	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Tin	6.2	J	6.9	1.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.2		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	146	B	6.9	0.94	mg/Kg	1	☼	6020B	Total/NA
Barium	650		40.0	9.1	ug/L	10		6020B	TCLP

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: A1_0-5_20250519 (Continued)
Lab Sample ID: 460-327048-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	41.2		12.0	8.4	ug/L	10		6020B	TCLP
Mercury	0.15		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA
pH	9.6	HF			SU	1		9045D	Total/NA
Temperature	21.9	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.6	HF			SU	1		9045D	Total/NA

Client Sample ID: A1_5-10_20250519
Lab Sample ID: 460-327048-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.015	J	0.034	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.022	J	0.034	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.015	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0099	J	0.034	0.0068	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.019	J	0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.013	J	0.034	0.013	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.018	J	0.34	0.0086	mg/Kg	1	☼	8270E	Total/NA
Aluminum	12200		15.6	4.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.56	J	0.78	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.5		0.78	0.081	mg/Kg	1	☼	6020B	Total/NA
Barium	58.4		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.71		0.31	0.017	mg/Kg	1	☼	6020B	Total/NA
Boron	4.6	J	31.3	1.7	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.21	J	0.78	0.088	mg/Kg	1	☼	6020B	Total/NA
Calcium	76700		78.2	7.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	21.1		1.6	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.3		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	20.3		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	18800		46.9	6.0	mg/Kg	1	☼	6020B	Total/NA
Lead	174		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	8070		78.2	8.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	370		3.1	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.8		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1790		78.2	12.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.11	J	0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Sodium	1150		78.2	35.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.14	J	0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Tin	11.1		6.3	0.95	mg/Kg	1	☼	6020B	Total/NA
Vanadium	27.7		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	125	B	6.3	0.85	mg/Kg	1	☼	6020B	Total/NA
Barium	686		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	3.2	J	9.2	2.9	ug/L	10		6020B	TCLP
Lead	53.5		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	10.2	J	40.0	9.1	ug/L	10		6020B	TCLP
Zinc	309		160	65.2	ug/L	10		6020B	TCLP
Mercury	0.14		0.016	0.0075	mg/Kg	1	☼	7471B	Total/NA
pH	11.0	HF			SU	1		9045D	Total/NA
Temperature	21.6	HF			Degrees C	1		9045D	Total/NA
Corrosivity	11.0	HF			SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A1_10-15_20250519 — Lab Sample ID: 460-327048-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	16900		16.6	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.15	J	0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.8		0.83	0.085	mg/Kg	1	☼	6020B	Total/NA
Barium	47.5		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.1		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	3.7	J	33.1	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.83	0.094	mg/Kg	1	☼	6020B	Total/NA
Calcium	25300		82.8	8.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	26.6		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.0		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	20.1		1.7	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	21400		49.7	6.3	mg/Kg	1	☼	6020B	Total/NA
Lead	29.5		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	8440		82.8	8.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	457		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	20.0		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1130		82.8	13.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.14	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	947		82.8	37.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.18	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Tin	4.3	J	6.6	1.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	31.5		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	67.8	B	6.6	0.90	mg/Kg	1	☼	6020B	Total/NA
Barium	543		40.0	9.1	ug/L	10		6020B	TCLP
Nickel	9.1	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.017	J	0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA
pH	10.7	HF			SU	1		9045D	Total/NA
Temperature	21.8	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.7	HF			SU	1		9045D	Total/NA

Client Sample ID: A1_3-5_20250519 — Lab Sample ID: 460-327048-4

No Detections.

Client Sample ID: A1_8-10_20250519 — Lab Sample ID: 460-327048-5

No Detections.

Client Sample ID: A1_13-15_20250519 — Lab Sample ID: 460-327048-6

No Detections.

Client Sample ID: B1_0-5_20250519 — Lab Sample ID: 460-327048-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.017	J	0.040	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.022	J	0.040	0.010	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.017	J	0.40	0.017	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.033	J	0.40	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.022	J	0.40	0.016	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.029	J	0.40	0.0099	mg/Kg	1	☼	8270E	Total/NA
Aluminum	6880		18.3	5.0	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.17	J	0.91	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.9		0.91	0.094	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B1_0-5_20250519 (Continued)

Lab Sample ID: 460-327048-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	62.3		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.39		0.37	0.020	mg/Kg	1	☼	6020B	Total/NA
Boron	2.9	J	36.6	2.0	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.91	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	15300		91.4	8.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	19.9		1.8	0.27	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.9		1.8	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	17.5		1.8	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	15000		54.8	7.0	mg/Kg	1	☼	6020B	Total/NA
Lead	45.0		0.55	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5580		91.4	9.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	228		3.7	0.37	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.7		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	1450		91.4	14.8	mg/Kg	1	☼	6020B	Total/NA
Sodium	221		91.4	41.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.37	0.037	mg/Kg	1	☼	6020B	Total/NA
Tin	1.3	J	7.3	1.1	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.1		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	62.1	B	7.3	1.0	mg/Kg	1	☼	6020B	Total/NA
Barium	561		40.0	9.1	ug/L	10		6020B	TCLP
Copper	27.0	J	40.0	24.5	ug/L	10		6020B	TCLP
Lead	23.2		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	9.2	J	40.0	9.1	ug/L	10		6020B	TCLP
Zinc	110	J	160	65.2	ug/L	10		6020B	TCLP
Mercury	0.039		0.020	0.0096	mg/Kg	1	☼	7471B	Total/NA
pH	11.1	HF			SU	1		9045D	Total/NA
Temperature	22.3	HF			Degrees C	1		9045D	Total/NA
Corrosivity	11.1	HF			SU	1		9045D	Total/NA

Client Sample ID: B1_5-10_20250519

Lab Sample ID: 460-327048-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11300		15.9	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.2		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.9		0.79	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	107		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.65		0.32	0.017	mg/Kg	1	☼	6020B	Total/NA
Boron	7.5	J	31.7	1.7	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.096	J	0.79	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	3480		79.3	7.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	31.0		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.8		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	22.8		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	28900		47.6	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	10.8		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5850		79.3	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	902		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	41.0		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	2980		79.3	12.8	mg/Kg	1	☼	6020B	Total/NA
Sodium	257		79.3	36.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.23	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B1_5-10_20250519 (Continued) — Lab Sample ID: 460-327048-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	41.6		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	56.6	B	6.3	0.86	mg/Kg	1	☼	6020B	Total/NA
Barium	444		40.0	9.1	ug/L	10		6020B	TCLP
Copper	24.7	J	40.0	24.5	ug/L	10		6020B	TCLP
Nickel	32.4	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.96		0.047	0.022	mg/Kg	3	☼	7471B	Total/NA
pH	9.3	HF			SU	1		9045D	Total/NA
Temperature	21.5	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.3	HF			SU	1		9045D	Total/NA

Client Sample ID: B1_10-15_20250519 — Lab Sample ID: 460-327048-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	12100		16.7	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	8.6		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.1		0.83	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	106		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.6		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	27.1	J	33.4	1.8	mg/Kg	1	☼	6020B	Total/NA
Calcium	16900		83.4	8.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	30.6		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	13.0		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	23.5		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	31600		50.0	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	22.8		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6670		83.4	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	392		3.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	37.7		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	4180		83.4	13.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.13	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	408		83.4	38.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.32	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Tin	2.2	J	6.7	1.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	43.0		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	101	B	6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Barium	442		40.0	9.1	ug/L	10		6020B	TCLP
Nickel	42.8		40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.14		0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA
pH	11.6	HF			SU	1		9045D	Total/NA
Temperature	22.6	HF			Degrees C	1		9045D	Total/NA
Corrosivity	11.6	HF			SU	1		9045D	Total/NA

Client Sample ID: B1_15-20_20250519 — Lab Sample ID: 460-327048-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	6270		16.6	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.1		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.1		0.83	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	41.7		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.3		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	9.3	J	33.3	1.8	mg/Kg	1	☼	6020B	Total/NA
Calcium	11700		83.2	8.1	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B1_15-20_20250519 (Continued) — Lab Sample ID: 460-327048-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	29.4		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.1		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	17.5		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	30900		49.9	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	14.2		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5290		83.2	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	518		3.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	23.4		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1710		83.2	13.5	mg/Kg	1	☼	6020B	Total/NA
Sodium	224		83.2	38.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.28	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	31.1		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	72.4	B	6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Barium	340		40.0	9.1	ug/L	10		6020B	TCLP
Copper	37.0	J	40.0	24.5	ug/L	10		6020B	TCLP
Lead	50.2		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	41.3		40.0	9.1	ug/L	10		6020B	TCLP
Zinc	208		160	65.2	ug/L	10		6020B	TCLP
Mercury	0.36		0.20	0.091	ug/L	1		7470A	TCLP
Mercury	0.32		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA
pH	10.1	HF			SU	1		9045D	Total/NA
Temperature	22.1	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.1	HF			SU	1		9045D	Total/NA

Client Sample ID: B1_3-5_20250519 — Lab Sample ID: 460-327048-11

No Detections.

Client Sample ID: B1_5-7_20250519 — Lab Sample ID: 460-327048-12

No Detections.

Client Sample ID: B1_17-19_20250519 — Lab Sample ID: 460-327048-13

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
GRO	2.0		1.3	1.3	mg/Kg	50	☼	8015D	Total/NA

Client Sample ID: B2_17-19_20250519 — Lab Sample ID: 460-327048-14

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
GRO	1000		98	98	mg/Kg	5000	☼	8015D	Total/NA

Client Sample ID: B1_13-15_20250519 — Lab Sample ID: 460-327048-15

No Detections.

This Detection Summary does not include radiochemical test results.

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_0-5_20250520
Lab Sample ID: 460-326691-1
Date Collected: 05/20/25 09:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 89.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
1,2-Diphenylhydrazine	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Benzidine	0.37	U	0.37	0.077	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Benzo[a]pyrene	**0.023**	**J**	0.037	0.0098	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Benzo[b]fluoranthene	**0.029**	**J**	0.037	0.0096	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Benzo[g,h,i]perylene	**0.019**	**J**	0.37	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Benzo[k]fluoranthene	**0.014**	**J**	0.037	0.0072	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Chrysene	**0.020**	**J**	0.37	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Dibenz(a,h)anthracene	**0.023**	**J**	0.037	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1

Client Sample ID: B2_0-5_20250520
Date Collected: 05/20/25 09:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-1
Matrix: Solid
Percent Solids: 89.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Fluoranthene	**0.037**	**J**	0.37	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Indeno[1,2,3-cd]pyrene	**0.034**	**J**	0.037	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Phenanthrene	**0.015**	**J**	0.37	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Pyrene	**0.031**	**J**	0.37	0.0092	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Pyridine	0.37	U	0.37	0.053	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 13:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*05/29/25 20:32*	*05/30/25 13:52*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*05/29/25 20:32*	*05/30/25 13:52*	*1*
2-Fluorophenol (Surr)	*71*		*24 - 120*	*05/29/25 20:32*	*05/30/25 13:52*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*05/29/25 20:32*	*05/30/25 13:52*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*05/29/25 20:32*	*05/30/25 13:52*	*1*
Terphenyl-d14 (Surr)	*69*		*33 - 124*	*05/29/25 20:32*	*05/30/25 13:52*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
4,4'-DDE	0.0075	U	0.0075	0.00088	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1

Client Sample ID: B2_0-5_20250520
Lab Sample ID: 460-326691-1

Date Collected: 05/20/25 09:00
Matrix: Solid

Date Received: 05/20/25 17:00
Percent Solids: 89.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Endrin ketone	0.0075	U	0.0075	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Heptachlor	0.0075	U	0.0075	0.00088	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
trans-Chlordane	0.0075	U	0.0075	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*17 - 150*	*05/30/25 10:27*	*05/31/25 12:39*	*1*
DCB Decachlorobiphenyl	*75*		*17 - 150*	*05/30/25 10:27*	*05/31/25 12:39*	*1*
Tetrachloro-m-xylene	*73*		*21 - 150*	*05/30/25 10:27*	*05/31/25 12:39*	*1*
Tetrachloro-m-xylene	*76*		*21 - 150*	*05/30/25 10:27*	*05/31/25 12:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*111*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:57*	*1*
DCB Decachlorobiphenyl	*108*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:57*	*1*
Tetrachloro-m-xylene	*104*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:57*	*1*
Tetrachloro-m-xylene	*98*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:57*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.037	U	0.037	0.0079	mg/Kg	☼	05/30/25 05:32	05/30/25 21:39	1
2,4-D	0.037	U	0.037	0.014	mg/Kg	☼	05/30/25 05:32	05/30/25 21:39	1
Silvex (2,4,5-TP)	0.037	U *	0.037	0.0039	mg/Kg	☼	05/30/25 05:32	05/30/25 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*181*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 21:39*	*1*
2,4-Dichlorophenylacetic acid	*160*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 21:39*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**220**		16	16	mg/Kg	☼	05/30/25 09:49	05/30/25 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*58*		*40 - 140*	*05/30/25 09:49*	*05/30/25 20:46*	*1*
1-Chlorooctadecane	*64*		*40 - 140*	*05/30/25 09:49*	*05/30/25 20:46*	*1*

Client Sample ID: B2_0-5_20250520

Date Collected: 05/20/25 09:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-1

Matrix: Solid
Percent Solids: 89.5

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12500**		17.4	4.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Antimony	**0.57**	**J**	0.87	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Arsenic	**2.9**		0.87	0.090	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Barium	**55.9**		1.7	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Beryllium	**0.41**		0.35	0.019	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Boron	**5.9**	**J**	34.9	1.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Cadmium	**0.12**	**J**	0.87	0.099	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Calcium	**30200**		87.2	8.5	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Chromium	**20.8**		1.7	0.26	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Cobalt	**7.8**		1.7	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Copper	**23.1**		1.7	0.32	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Iron	**17300**		52.3	6.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Lead	**42.5**		0.52	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Magnesium	**6760**		87.2	8.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Manganese	**325**		3.5	0.35	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Nickel	**16.0**		1.7	0.15	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Potassium	**1280**		87.2	14.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Selenium	**0.14**	**J**	1.1	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Silver	0.35	U	0.35	0.078	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Sodium	**597**		87.2	39.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Thallium	**0.089**	**J**	0.35	0.036	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Tin	**2.0**	**J**	7.0	1.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Vanadium	**24.9**		1.7	0.18	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Zinc	**76.1**		7.0	0.95	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 17:16	10
Barium	**427**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:16	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:16	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:16	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:16	10
Lead	**12.5**		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:16	10
Nickel	**10.7**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:16	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:16	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:16	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:16	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**		0.017	0.0079	mg/Kg	☼	05/30/25 00:43	05/30/25 04:08	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.1**	**HF**			SU			05/30/25 14:18	1
Temperature (SW846 9045D)	**21.8**	**HF**			Degrees C			05/30/25 14:18	1

Client Sample ID: B2_0-5_20250520
Lab Sample ID: 460-326691-1

Date Collected: 05/20/25 09:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 89.5

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**10.1**	**HF**			SU			05/30/25 14:18	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.94	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.26	U	0.26	0.14	mg/Kg	☼	05/30/25 20:58	06/01/25 20:41	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**10.5**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**89.5**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B2_5-10_20250520
Lab Sample ID: 460-326691-2

Date Collected: 05/20/25 09:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1

Client Sample ID: B2_5-10_20250520
Lab Sample ID: 460-326691-2
Date Collected: 05/20/25 09:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Atrazine	0.15	U *	0.15	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Benzidine	0.36	U	0.36	0.076	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0094	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Benzo[g,h,i]perylene	**0.017**	**J**	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Indeno[1,2,3-cd]pyrene	**0.023**	**J**	0.036	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Pyridine	0.36	U	0.36	0.052	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 12:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*18 - 137*	*05/29/25 20:32*	*05/30/25 12:25*	*1*
2-Fluorobiphenyl	*57*		*33 - 117*	*05/29/25 20:32*	*05/30/25 12:25*	*1*
2-Fluorophenol (Surr)	*55*		*24 - 120*	*05/29/25 20:32*	*05/30/25 12:25*	*1*
Nitrobenzene-d5 (Surr)	*55*		*27 - 120*	*05/29/25 20:32*	*05/30/25 12:25*	*1*
Phenol-d5 (Surr)	*56*		*28 - 118*	*05/29/25 20:32*	*05/30/25 12:25*	*1*
Terphenyl-d14 (Surr)	*59*		*33 - 124*	*05/29/25 20:32*	*05/30/25 12:25*	*1*

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_5-10_20250520
Lab Sample ID: 460-326691-2
Date Collected: 05/20/25 09:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.2

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
trans-Chlordane	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*17 - 150*	*05/30/25 10:27*	*05/31/25 12:52*	*1*
DCB Decachlorobiphenyl	*85*		*17 - 150*	*05/30/25 10:27*	*05/31/25 12:52*	*1*
Tetrachloro-m-xylene	*80*		*21 - 150*	*05/30/25 10:27*	*05/31/25 12:52*	*1*
Tetrachloro-m-xylene	*94*		*21 - 150*	*05/30/25 10:27*	*05/31/25 12:52*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*139*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:13*	*1*
DCB Decachlorobiphenyl	*134*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:13*	*1*
Tetrachloro-m-xylene	*122*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:13*	*1*
Tetrachloro-m-xylene	*113*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:13*	*1*

Client Sample ID: B2_5-10_20250520
Lab Sample ID: 460-326691-2

Date Collected: 05/20/25 09:05
Matrix: Solid

Date Received: 05/20/25 17:00
Percent Solids: 91.2

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0077	mg/Kg	☼	05/30/25 05:32	05/30/25 21:58	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 05:32	05/30/25 21:58	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0038	mg/Kg	☼	05/30/25 05:32	05/30/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*194*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 21:58*	*1*
2,4-Dichlorophenylacetic acid	*159*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 21:58*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**470**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:00*	*1*
1-Chlorooctadecane	*106*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:00*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		16.1	4.4	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Antimony	**0.19**	**J**	0.81	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Arsenic	**2.2**		0.81	0.083	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Barium	**57.8**		1.6	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Beryllium	**0.64**		0.32	0.018	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Boron	**3.1**	**J**	32.2	1.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Cadmium	**0.29**	**J**	0.81	0.091	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Calcium	**7160**		80.6	7.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Chromium	**22.3**		1.6	0.24	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Cobalt	**7.7**		1.6	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Copper	**17.3**		1.6	0.30	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Iron	**20400**		48.4	6.2	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Lead	**37.0**		0.48	0.16	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Magnesium	**4880**		80.6	8.2	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Manganese	**410**		3.2	0.32	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Nickel	**17.8**		1.6	0.14	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Potassium	**1450**		80.6	13.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Selenium	**0.14**	**J**	1.0	0.10	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Silver	0.32	U	0.32	0.072	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Sodium	**265**		80.6	36.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Thallium	**0.13**	**J**	0.32	0.033	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Tin	**1.1**	**J**	6.4	0.98	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Vanadium	**28.4**		1.6	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Zinc	**70.1**		6.4	0.88	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 17:18	10
Barium	**654**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:18	10
Cadmium	**8.5**	**J**	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:18	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:18	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:18	10
Lead	**55.7**		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:18	10

Client Sample ID: B2_5-10_20250520
Lab Sample ID: 460-326691-2
Date Collected: 05/20/25 09:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.2

Method: SW846 6020B - Metals (ICP/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**31.8**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:18	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:18	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:18	10
Zinc	**595**		160	65.2	ug/L		06/02/25 12:34	06/02/25 17:18	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.034**		0.017	0.0080	mg/Kg	☼	05/30/25 00:43	05/30/25 04:10	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.6**	**HF**			SU			05/30/25 14:20	1
Temperature (SW846 9045D)	**21.6**	**HF**			Degrees C			05/30/25 14:20	1
Corrosivity (SW846 9045D)	**9.6**	**HF**			SU			05/30/25 14:20	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.90	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.23	U	0.23	0.12	mg/Kg	☼	05/30/25 20:58	06/01/25 20:44	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**8.8**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**91.2**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B2_10-15_20250520
Lab Sample ID: 460-326691-3
Date Collected: 05/20/25 09:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_10-15_20250520
Lab Sample ID: 460-326691-3
Date Collected: 05/20/25 09:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Benzidine	0.36	U	0.36	0.076	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Benzo[g,h,i]perylene	**0.028**	**J**	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Indeno[1,2,3-cd]pyrene	**0.026**	**J**	0.036	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1

Client Sample ID: B2_10-15_20250520

Date Collected: 05/20/25 09:10
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-3

Matrix: Solid
Percent Solids: 91.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Pyridine	0.36	U	0.36	0.051	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 15:02*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*	*05/29/25 20:32*	*05/30/25 15:02*	*1*
2-Fluorobiphenyl	*55*		*33 - 117*	*05/29/25 20:32*	*05/30/25 15:02*	*1*
2-Fluorophenol (Surr)	*53*		*24 - 120*	*05/29/25 20:32*	*05/30/25 15:02*	*1*
Nitrobenzene-d5 (Surr)	*52*		*27 - 120*	*05/29/25 20:32*	*05/30/25 15:02*	*1*
Phenol-d5 (Surr)	*53*		*28 - 118*	*05/29/25 20:32*	*05/30/25 15:02*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*05/29/25 20:32*	*05/30/25 15:02*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
trans-Chlordane	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:05*	*1*
DCB Decachlorobiphenyl	*88*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:05*	*1*
Tetrachloro-m-xylene	*75*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:05*	*1*
Tetrachloro-m-xylene	*81*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:05*	*1*

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_10-15_20250520
Lab Sample ID: 460-326691-3
Date Collected: 05/20/25 09:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:30*	*1*
DCB Decachlorobiphenyl	*112*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:30*	*1*
Tetrachloro-m-xylene	*109*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:30*	*1*
Tetrachloro-m-xylene	*102*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:30*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.037	U	0.037	0.0078	mg/Kg	☼	05/30/25 05:32	05/30/25 22:16	1
2,4-D	0.037	U	0.037	0.013	mg/Kg	☼	05/30/25 05:32	05/30/25 22:16	1
Silvex (2,4,5-TP)	0.037	U *	0.037	0.0038	mg/Kg	☼	05/30/25 05:32	05/30/25 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*458*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 22:16*	*1*
2,4-Dichlorophenylacetic acid	*242*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 22:16*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**78**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*95*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:14*	*1*
1-Chlorooctadecane	*102*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:14*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8780**		17.0	4.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Antimony	**0.28**	**J**	0.85	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Arsenic	**1.3**		0.85	0.088	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Barium	**48.1**		1.7	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Beryllium	**0.94**		0.34	0.019	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Boron	**3.0**	**J**	34.0	1.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Cadmium	**0.11**	**J**	0.85	0.096	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Calcium	**61800**		85.1	8.3	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Chromium	**21.8**		1.7	0.25	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Cobalt	**8.3**		1.7	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Copper	**19.4**		1.7	0.31	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Iron	**29400**		51.0	6.5	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Lead	**22.3**		0.51	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Magnesium	**8760**		85.1	8.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1

Client Sample ID: B2_10-15_20250520
Lab Sample ID: 460-326691-3

Date Collected: 05/20/25 09:10
Matrix: Solid

Date Received: 05/20/25 17:00
Percent Solids: 91.1

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**643**		3.4	0.34	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Nickel	**19.6**		1.7	0.15	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Potassium	**1990**		85.1	13.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Selenium	1.1	U	1.1	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Silver	0.34	U	0.34	0.076	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Sodium	**332**		85.1	38.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Thallium	**0.13**	**J**	0.34	0.035	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Tin	**1.6**	**J**	6.8	1.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Vanadium	**36.9**		1.7	0.18	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Zinc	**70.6**		6.8	0.93	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 17:21	10
Barium	**747**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:21	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:21	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:21	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:21	10
Lead	12.0	U	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:21	10
Nickel	**33.8**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:21	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:21	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:21	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:21	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.016**	**J**	0.017	0.0079	mg/Kg	☼	05/30/25 00:43	05/30/25 04:11	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.9**	**HF**			SU			05/30/25 14:22	1
Temperature (SW846 9045D)	**21.5**	**HF**			Degrees C			05/30/25 14:22	1
Corrosivity (SW846 9045D)	**9.9**	**HF**			SU			05/30/25 14:22	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.91	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.25	U	0.25	0.14	mg/Kg	☼	05/30/25 20:58	06/01/25 20:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**8.9**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**91.1**		1.0	1.0	%			05/29/25 20:13	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_15-20_20250520
Lab Sample ID: 460-326691-4
Date Collected: 05/20/25 09:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 78.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.42	U	0.42	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
1,2,4,5-Tetrachlorobenzene	0.42	U	0.42	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
1,2-Diphenylhydrazine	0.42	U	0.42	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
1,4-Dioxane	0.042	U	0.042	0.037	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,2'-oxybis[1-chloropropane]	0.42	U	0.42	0.025	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,3,4,6-Tetrachlorophenol	0.42	U	0.42	0.028	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,4,5-Trichlorophenol	0.42	U	0.42	0.043	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,4,6-Trichlorophenol	0.17	U	0.17	0.054	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,4-Dichlorophenol	0.17	U	0.17	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,4-Dimethylphenol	0.42	U	0.42	0.050	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,4-Dinitrophenol	0.34	U	0.34	0.21	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,4-Dinitrotoluene	0.085	U	0.085	0.045	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,6-Dinitrotoluene	0.085	U	0.085	0.030	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2-Chloronaphthalene	0.42	U	0.42	0.054	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2-Chlorophenol	0.42	U	0.42	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2-Methylnaphthalene	0.42	U	0.42	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2-Methylphenol	0.42	U	0.42	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2-Nitroaniline	0.42	U	0.42	0.032	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2-Nitrophenol	0.42	U	0.42	0.042	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
3,3'-Dichlorobenzidine	0.17	U	0.17	0.063	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
3-Nitroaniline	0.42	U	0.42	0.099	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4,6-Dinitro-2-methylphenol	0.34	U	0.34	0.17	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4-Bromophenyl phenyl ether	0.42	U	0.42	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4-Chloro-3-methylphenol	0.42	U	0.42	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4-Chloroaniline	0.42	U	0.42	0.074	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4-Chlorophenyl phenyl ether	0.42	U	0.42	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4-Methylphenol	0.42	U	0.42	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4-Nitroaniline	0.42	U	0.42	0.11	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4-Nitrophenol	0.85	U	0.85	0.068	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Acenaphthene	0.42	U	0.42	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Acenaphthylene	0.42	U	0.42	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Acetophenone	0.42	U	0.42	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Anthracene	0.42	U	0.42	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Atrazine	0.17	U *	0.17	0.025	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Benzaldehyde	0.42	U	0.42	0.069	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Benzidine	0.42	U	0.42	0.088	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Benzo[a]anthracene	0.042	U	0.042	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Benzo[a]pyrene	0.042	U	0.042	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Benzo[b]fluoranthene	0.042	U	0.042	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Benzo[g,h,i]perylene	0.42	U	0.42	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Benzo[k]fluoranthene	0.042	U	0.042	0.0082	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Bis(2-chloroethoxy)methane	0.42	U	0.42	0.077	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Bis(2-chloroethyl)ether	0.042	U	0.042	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Bis(2-ethylhexyl) phthalate	0.42	U	0.42	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Butyl benzyl phthalate	0.42	U	0.42	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Caprolactam	0.42	U	0.42	0.065	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Carbazole	0.42	U	0.42	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Chrysene	0.42	U	0.42	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Dibenz(a,h)anthracene	0.042	U	0.042	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1

Client Sample ID: B2_15-20_20250520
Date Collected: 05/20/25 09:15
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-4
Matrix: Solid
Percent Solids: 78.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	0.42	U	0.42	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Diethyl phthalate	0.42	U	0.42	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Dimethyl phthalate	0.42	U	0.42	0.095	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Di-n-butyl phthalate	0.42	U	0.42	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Di-n-octyl phthalate	0.42	U	0.42	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Fluoranthene	0.42	U	0.42	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Fluorene	0.42	U	0.42	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Hexachlorobenzene	0.042	U	0.042	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Hexachlorobutadiene	0.085	U	0.085	0.0089	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Hexachlorocyclopentadiene	0.42	U	0.42	0.037	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Hexachloroethane	0.042	U	0.042	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Indeno[1,2,3-cd]pyrene	0.042	U	0.042	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Isophorone	0.17	U	0.17	0.12	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Naphthalene	0.42	U	0.42	0.0072	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Nitrobenzene	0.042	U	0.042	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
N-Nitrosodi-n-propylamine	0.042	U	0.042	0.030	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
N-Nitrosodiphenylamine	0.42	U	0.42	0.034	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Pentachlorophenol	0.34	U	0.34	0.086	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Phenanthrene	0.42	U	0.42	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Phenol	0.42	U	0.42	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Pyrene	0.42	U	0.42	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Pyridine	0.42	U	0.42	0.060	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 15:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*05/29/25 20:32*	*05/30/25 15:20*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*05/29/25 20:32*	*05/30/25 15:20*	*1*
2-Fluorophenol (Surr)	*71*		*24 - 120*	*05/29/25 20:32*	*05/30/25 15:20*	*1*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*	*05/29/25 20:32*	*05/30/25 15:20*	*1*
Phenol-d5 (Surr)	*68*		*28 - 118*	*05/29/25 20:32*	*05/30/25 15:20*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*05/29/25 20:32*	*05/30/25 15:20*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0085	U	0.0085	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
4,4'-DDE	0.0085	U	0.0085	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
4,4'-DDT	0.0085	U	0.0085	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Aldrin	0.0085	U	0.0085	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
alpha-BHC	0.0025	U	0.0025	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
beta-BHC	0.0025	U	0.0025	0.00095	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Chlordane (technical)	0.085	U	0.085	0.021	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
cis-Chlordane	0.0085	U	0.0085	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
delta-BHC	0.0025	U	0.0025	0.00052	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Dieldrin	0.0025	U	0.0025	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Endosulfan I	0.0085	U	0.0085	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Endosulfan II	0.0085	U	0.0085	0.0022	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Endosulfan sulfate	0.0085	U	0.0085	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Endrin	0.0085	U	0.0085	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1

Client Sample ID: B2_15-20_20250520
Lab Sample ID: 460-326691-4

Date Collected: 05/20/25 09:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 78.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0085	U	0.0085	0.0020	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Endrin ketone	0.0085	U	0.0085	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
gamma-BHC (Lindane)	0.0025	U	0.0025	0.00079	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Heptachlor	0.0085	U	0.0085	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Heptachlor epoxide	0.0085	U	0.0085	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Methoxychlor	0.0085	U	0.0085	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Toxaphene	0.085	U	0.085	0.031	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
trans-Chlordane	0.0085	U	0.0085	0.0015	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:18*	*1*
DCB Decachlorobiphenyl	*88*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:18*	*1*
Tetrachloro-m-xylene	*72*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:18*	*1*
Tetrachloro-m-xylene	*78*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:18*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor 1221	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor 1232	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor 1242	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor 1248	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor 1254	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor 1260	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor 1268	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor-1262	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Polychlorinated biphenyls, Total	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*118*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:47*	*1*
DCB Decachlorobiphenyl	*111*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:47*	*1*
Tetrachloro-m-xylene	*111*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:47*	*1*
Tetrachloro-m-xylene	*98*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:47*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.042	U	0.042	0.0090	mg/Kg	☼	05/30/25 05:32	05/30/25 22:35	1
2,4-D	0.042	U	0.042	0.015	mg/Kg	☼	05/30/25 05:32	05/30/25 22:35	1
Silvex (2,4,5-TP)	0.042	U *	0.042	0.0044	mg/Kg	☼	05/30/25 05:32	05/30/25 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*2502*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 22:35*	*1*
2,4-Dichlorophenylacetic acid	*383*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 22:35*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**43**		18	18	mg/Kg	☼	05/30/25 09:49	05/30/25 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:28*	*1*
1-Chlorooctadecane	*97*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:28*	*1*

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_15-20_20250520
Lab Sample ID: 460-326691-4
Date Collected: 05/20/25 09:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 78.8

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11200		18.7	5.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Antimony	0.21	J	0.93	0.14	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Arsenic	2.0		0.93	0.096	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Barium	67.1		1.9	0.14	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Beryllium	1.7		0.37	0.021	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Boron	3.4	J	37.3	2.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Cadmium	0.15	J	0.93	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Calcium	9430		93.3	9.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Chromium	28.4		1.9	0.28	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Cobalt	15.1		1.9	0.14	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Copper	23.0		1.9	0.34	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Iron	25100		56.0	7.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Lead	42.1		0.56	0.19	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Magnesium	6450		93.3	9.5	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Manganese	515		3.7	0.38	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Nickel	30.9		1.9	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Potassium	2160		93.3	15.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Selenium	1.2	U	1.2	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Silver	0.37	U	0.37	0.083	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Sodium	419		93.3	42.6	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Thallium	0.25	J	0.37	0.038	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Tin	2.5	J	7.5	1.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Vanadium	41.2		1.9	0.19	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Zinc	124		7.5	1.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 17:29	10
Barium	802		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:29	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:29	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:29	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:29	10
Lead	12.0	U	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:29	10
Nickel	145		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:29	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:29	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:29	10
Zinc	135	J	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:29	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	U	0.019	0.0091	mg/Kg	☼	05/30/25 00:43	05/30/25 04:13	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	10.3	HF			SU			05/30/25 14:24	1
Temperature (SW846 9045D)	21.4	HF			Degrees C			05/30/25 14:24	1

Client Sample ID: B2_15-20_20250520
Lab Sample ID: 460-326691-4
Date Collected: 05/20/25 09:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 78.8

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**10.3**	**HF**			SU			05/30/25 14:24	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.5	U	2.5	1.1	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.25	U	0.25	0.13	mg/Kg	☼	05/30/25 20:58	06/01/25 20:46	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.7	U	24.7	24.7	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.8	U	19.8	19.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**21.2**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**78.8**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B2-2_3-5_20250520
Lab Sample ID: 460-326691-5
Date Collected: 05/20/25 08:45
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 97.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	0.98	U	0.98	0.98	mg/Kg	☼	05/30/25 10:02	05/30/25 11:05	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*124*		*75 - 150*	*05/30/25 10:02*	*05/30/25 11:05*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**670**		44	2.8	mg/Kg	☼	05/30/25 08:36	05/30/25 17:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*66*		*10 - 150*	*05/30/25 08:36*	*05/30/25 17:48*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.6**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**97.4**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B2-2_8-10_20250520
Lab Sample ID: 460-326691-6
Date Collected: 05/20/25 08:50
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 96.0

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.0	U	1.0	1.0	mg/Kg	☼	05/30/25 10:02	05/30/25 11:32	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*113*		*75 - 150*	*05/30/25 10:02*	*05/30/25 11:32*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**100**		9.0	0.57	mg/Kg	☼	05/30/25 08:36	05/30/25 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*64*		*10 - 150*	*05/30/25 08:36*	*05/30/25 18:07*	*1*

Client Sample ID: B2-2_8-10_20250520
Lab Sample ID: 460-326691-6

Date Collected: 05/20/25 08:50
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 96.0

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.0		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	96.0		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B2-2_13-15_20250520
Lab Sample ID: 460-326691-7

Date Collected: 05/20/25 08:55
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 95.6

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	3.3	U	3.3	3.3	mg/Kg	☼	05/30/25 10:02	05/30/25 11:58	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*115*		*75 - 150*	*05/30/25 10:02*	*05/30/25 11:58*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	30		9.1	0.57	mg/Kg	☼	05/30/25 08:36	05/30/25 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*82*		*10 - 150*	*05/30/25 08:36*	*05/30/25 18:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.4		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	95.6		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A2_0-5_20250520
Lab Sample ID: 460-326691-8

Date Collected: 05/20/25 12:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.021	J	0.36	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2-Methylnaphthalene	0.061	J	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A2_0-5_20250520
Lab Sample ID: 460-326691-8
Date Collected: 05/20/25 12:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4-Nitrophenol	0.73	U	0.73	0.058	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Acenaphthene	**0.12**	**J**	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Anthracene	**0.43**		0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Benzidine	0.36	U	0.36	0.075	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Benzo[a]anthracene	**0.52**		0.036	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Benzo[a]pyrene	**0.47**		0.036	0.0096	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Benzo[b]fluoranthene	**0.65**		0.036	0.0093	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Benzo[g,h,i]perylene	**0.31**	**J**	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Benzo[k]fluoranthene	**0.24**		0.036	0.0070	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Carbazole	**0.16**	**J**	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Chrysene	**0.53**		0.36	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Dibenz(a,h)anthracene	**0.068**		0.036	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Dibenzofuran	**0.13**	**J**	0.36	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Fluoranthene	**1.7**		0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Fluorene	**0.12**	**J**	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Hexachlorobutadiene	0.073	U	0.073	0.0076	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Indeno[1,2,3-cd]pyrene	**0.35**		0.036	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Naphthalene	**0.12**	**J**	0.36	0.0062	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Phenanthrene	**1.8**		0.36	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1

Client Sample ID: A2_0-5_20250520

Date Collected: 05/20/25 12:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-8

Matrix: Solid
Percent Solids: 91.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Pyrene	**1.1**		0.36	0.0089	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Pyridine	0.36	U	0.36	0.051	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 13:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*18 - 137*	*05/29/25 20:32*	*05/30/25 13:00*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*05/29/25 20:32*	*05/30/25 13:00*	*1*
2-Fluorophenol (Surr)	*53*		*24 - 120*	*05/29/25 20:32*	*05/30/25 13:00*	*1*
Nitrobenzene-d5 (Surr)	*52*		*27 - 120*	*05/29/25 20:32*	*05/30/25 13:00*	*1*
Phenol-d5 (Surr)	*56*		*28 - 118*	*05/29/25 20:32*	*05/30/25 13:00*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*05/29/25 20:32*	*05/30/25 13:00*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
4,4'-DDT	**0.0033**	**J**	0.0073	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
trans-Chlordane	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*83*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:31*	*1*
DCB Decachlorobiphenyl	*91*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:31*	*1*
Tetrachloro-m-xylene	*81*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:31*	*1*
Tetrachloro-m-xylene	*82*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:31*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1

Client Sample ID: A2_0-5_20250520
Lab Sample ID: 460-326691-8

Date Collected: 05/20/25 12:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.4

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:04*	*1*
DCB Decachlorobiphenyl	*122*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:04*	*1*
Tetrachloro-m-xylene	*111*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:04*	*1*
Tetrachloro-m-xylene	*105*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:04*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0077	mg/Kg	☼	05/30/25 05:32	05/30/25 22:54	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 05:32	05/30/25 22:54	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0038	mg/Kg	☼	05/30/25 05:32	05/30/25 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*160*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 22:54*	*1*
2,4-Dichlorophenylacetic acid	*163*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 22:54*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**66**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:42*	*1*
1-Chlorooctadecane	*102*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:42*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10400**		17.4	4.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Antimony	**0.95**		0.87	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Arsenic	**2.9**		0.87	0.089	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Barium	**110**		1.7	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Beryllium	**0.49**		0.35	0.019	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Boron	**4.9**	**J**	34.7	1.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Cadmium	**0.43**	**J**	0.87	0.098	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Calcium	**27300**		86.8	8.4	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Chromium	**18.4**		1.7	0.26	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Cobalt	**7.1**		1.7	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Copper	**26.4**		1.7	0.32	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Iron	**18300**		52.1	6.6	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Lead	**150**		0.52	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Magnesium	**6770**		86.8	8.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Manganese	**318**		3.5	0.35	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Nickel	**15.3**		1.7	0.15	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Potassium	**1570**		86.8	14.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1

Client Sample ID: A2_0-5_20250520
Lab Sample ID: 460-326691-8
Date Collected: 05/20/25 12:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.4

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	**0.26**	**J**	1.1	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Silver	0.35	U	0.35	0.077	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Sodium	**547**		86.8	39.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Thallium	**0.13**	**J**	0.35	0.036	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Tin	**8.8**		6.9	1.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Vanadium	**29.2**		1.7	0.18	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Zinc	**174**		6.9	0.95	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 17:32	10
Barium	**598**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:32	10
Cadmium	**4.4**	**J**	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:32	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:32	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:32	10
Lead	**189**		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:32	10
Nickel	**9.1**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:32	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:32	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:32	10
Zinc	**121**	**J**	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:32	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.19**		0.017	0.0078	mg/Kg	☼	05/30/25 00:43	05/30/25 04:01	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.5**	**HF**			SU			05/30/25 14:26	1
Temperature (SW846 9045D)	**21.3**	**HF**			Degrees C			05/30/25 14:26	1
Corrosivity (SW846 9045D)	**10.5**	**HF**			SU			05/30/25 14:26	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.90	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.23	U	0.23	0.13	mg/Kg	☼	05/30/25 20:58	06/01/25 20:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.7	U	24.7	24.7	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.8	U	19.8	19.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**8.6**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**91.4**		1.0	1.0	%			05/29/25 20:13	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A2_5-10_20250520
Lab Sample ID: 460-326691-9
Date Collected: 05/20/25 12:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Anthracene	**0.013**	**J**	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Benzidine	0.35	U	0.35	0.073	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Benzo[a]anthracene	**0.045**		0.035	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Benzo[a]pyrene	**0.039**		0.035	0.0093	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Benzo[b]fluoranthene	**0.047**		0.035	0.0090	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Benzo[g,h,i]perylene	**0.030**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Benzo[k]fluoranthene	**0.023**	**J**	0.035	0.0069	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Chrysene	**0.037**	**J**	0.35	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Dibenz(a,h)anthracene	**0.022**	**J**	0.035	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1

Client Sample ID: A2_5-10_20250520

Date Collected: 05/20/25 12:05
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-9

Matrix: Solid
Percent Solids: 93.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Fluoranthene	**0.075**	**J**	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Indeno[1,2,3-cd]pyrene	**0.040**		0.035	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Phenanthrene	**0.049**	**J**	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Pyrene	**0.064**	**J**	0.35	0.0087	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Pyridine	0.35	U	0.35	0.050	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 13:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*	*05/29/25 20:32*	*05/30/25 13:18*	*1*
2-Fluorobiphenyl	*75*		*33 - 117*	*05/29/25 20:32*	*05/30/25 13:18*	*1*
2-Fluorophenol (Surr)	*77*		*24 - 120*	*05/29/25 20:32*	*05/30/25 13:18*	*1*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*	*05/29/25 20:32*	*05/30/25 13:18*	*1*
Phenol-d5 (Surr)	*75*		*28 - 118*	*05/29/25 20:32*	*05/30/25 13:18*	*1*
Terphenyl-d14 (Surr)	*76*		*33 - 124*	*05/29/25 20:32*	*05/30/25 13:18*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
4,4'-DDT	**0.0036**	**J**	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Dieldrin	**0.011**		0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Endosulfan sulfate	0.0071	U	0.0071	0.00090	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1

Client Sample ID: A2_5-10_20250520
Lab Sample ID: 460-326691-9
Date Collected: 05/20/25 12:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
trans-Chlordane	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*96*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:44*	*1*
DCB Decachlorobiphenyl	*105*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:44*	*1*
Tetrachloro-m-xylene	*94*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:44*	*1*
Tetrachloro-m-xylene	*103*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:44*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*143*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:20*	*1*
DCB Decachlorobiphenyl	*142*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:20*	*1*
Tetrachloro-m-xylene	*130*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:20*	*1*
Tetrachloro-m-xylene	*125*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:20*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U	0.035	0.0075	mg/Kg	☼	05/30/25 05:32	05/30/25 23:32	1
2,4-D	0.035	U	0.035	0.013	mg/Kg	☼	05/30/25 05:32	05/30/25 23:32	1
Silvex (2,4,5-TP)	0.035	U *	0.035	0.0037	mg/Kg	☼	05/30/25 05:32	05/30/25 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*219*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 23:32*	*1*
2,4-Dichlorophenylacetic acid	*201*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 23:32*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**120**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*104*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:56*	*1*
1-Chlorooctadecane	*112*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:56*	*1*

Client Sample ID: A2_5-10_20250520

Date Collected: 05/20/25 12:05
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-9

Matrix: Solid
Percent Solids: 93.7

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9410**		16.7	4.6	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Antimony	**0.28**	**J**	0.83	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Arsenic	**2.2**		0.83	0.086	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Barium	**53.4**		1.7	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Beryllium	**0.42**		0.33	0.018	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Boron	**6.1**	**J**	33.4	1.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Cadmium	**0.15**	**J**	0.83	0.094	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Calcium	**44500**		83.4	8.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Chromium	**31.0**		1.7	0.25	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Cobalt	**6.4**		1.7	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Copper	**22.7**		1.7	0.31	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Iron	**15900**		50.0	6.4	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Lead	**190**		0.50	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Magnesium	**9530**		83.4	8.5	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Manganese	**241**		3.3	0.34	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Nickel	**13.9**		1.7	0.15	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Potassium	**1820**		83.4	13.5	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Selenium	**0.13**	**J**	1.0	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Silver	0.33	U	0.33	0.074	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Sodium	**532**		83.4	38.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Thallium	**0.12**	**J**	0.33	0.034	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Tin	**2.6**	**J**	6.7	1.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Vanadium	**27.8**		1.7	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Zinc	**81.5**		6.7	0.91	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 17:35	10
Barium	**438**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:35	10
Cadmium	**2.9**	**J**	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:35	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:35	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:35	10
Lead	**11.9**	**J**	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:35	10
Nickel	**10**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:35	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:35	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:35	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:35	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.10**		0.018	0.0083	mg/Kg	☼	05/30/25 00:43	05/30/25 04:19	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.3**	**HF**			SU			05/30/25 14:28	1
Temperature (SW846 9045D)	**21.2**	**HF**			Degrees C			05/30/25 14:28	1

Client Sample ID: A2_5-10_20250520
Lab Sample ID: 460-326691-9

Date Collected: 05/20/25 12:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.7

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**10.3**	**HF**			SU			05/30/25 14:28	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.89	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.24	U	0.24	0.13	mg/Kg	☼	05/30/25 20:58	06/01/25 20:48	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.7	U	24.7	24.7	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.8	U	19.8	19.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**6.3**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**93.7**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A2_10-15_20250520
Lab Sample ID: 460-326691-10

Date Collected: 05/20/25 12:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Acenaphthene	**0.040**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1

Client Sample ID: A2_10-15_20250520
Lab Sample ID: 460-326691-10
Date Collected: 05/20/25 12:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.13**	**J**	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Benzidine	0.35	U	0.35	0.074	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Benzo[a]anthracene	**0.27**		0.035	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Benzo[a]pyrene	**0.24**		0.035	0.0094	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Benzo[b]fluoranthene	**0.35**		0.035	0.0092	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Benzo[g,h,i]perylene	**0.15**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Benzo[k]fluoranthene	**0.11**		0.035	0.0069	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Carbazole	**0.056**	**J**	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Chrysene	**0.27**	**J**	0.35	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Dibenz(a,h)anthracene	**0.043**		0.035	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Dibenzofuran	**0.022**	**J**	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Fluoranthene	**0.70**		0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Fluorene	**0.039**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Indeno[1,2,3-cd]pyrene	**0.17**		0.035	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Phenanthrene	**0.55**		0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Pyrene	**0.52**		0.35	0.0088	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Pyridine	0.35	U	0.35	0.051	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 13:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*05/29/25 20:32*	*05/30/25 13:35*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*05/29/25 20:32*	*05/30/25 13:35*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*05/29/25 20:32*	*05/30/25 13:35*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*05/29/25 20:32*	*05/30/25 13:35*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*05/29/25 20:32*	*05/30/25 13:35*	*1*
Terphenyl-d14 (Surr)	*71*		*33 - 124*	*05/29/25 20:32*	*05/30/25 13:35*	*1*

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A2_10-15_20250520
Lab Sample ID: 460-326691-10
Date Collected: 05/20/25 12:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.0

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.0079**		0.0072	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
4,4'-DDE	**0.0046**	**J**	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
4,4'-DDT	**0.0037**	**J p**	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
cis-Chlordane	**0.0034**	**J**	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
trans-Chlordane	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:57*	*1*
DCB Decachlorobiphenyl	*90*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:57*	*1*
Tetrachloro-m-xylene	*82*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:57*	*1*
Tetrachloro-m-xylene	*93*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:57*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*124*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:37*	*1*
DCB Decachlorobiphenyl	*109*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:37*	*1*
Tetrachloro-m-xylene	*122*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:37*	*1*
Tetrachloro-m-xylene	*102*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:37*	*1*

Client Sample ID: A2_10-15_20250520
Lab Sample ID: 460-326691-10

Date Collected: 05/20/25 12:10
Matrix: Solid

Date Received: 05/20/25 17:00
Percent Solids: 93.0

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0076	mg/Kg	☼	05/30/25 05:32	05/30/25 23:51	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 05:32	05/30/25 23:51	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0037	mg/Kg	☼	05/30/25 05:32	05/30/25 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*532*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 23:51*	*1*
2,4-Dichlorophenylacetic acid	*406*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 23:51*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**160**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*96*		*40 - 140*	*05/30/25 09:49*	*05/30/25 22:10*	*1*
1-Chlorooctadecane	*103*		*40 - 140*	*05/30/25 09:49*	*05/30/25 22:10*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**17000**		15.9	4.4	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Antimony	**0.27**	**J**	0.80	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Arsenic	**1.6**		0.80	0.082	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Barium	**41.1**		1.6	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Beryllium	**1.1**		0.32	0.018	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Boron	**6.3**	**J**	31.9	1.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Cadmium	**0.57**	**J**	0.80	0.090	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Calcium	**36800**		79.7	7.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Chromium	**30.5**		1.6	0.24	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Cobalt	**9.0**		1.6	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Copper	**42.1**		1.6	0.29	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Iron	**22800**		47.8	6.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Lead	**45.4**		0.48	0.16	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Magnesium	**16100**		79.7	8.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Manganese	**349**		3.2	0.32	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Nickel	**19.0**		1.6	0.14	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Potassium	**2170**		79.7	12.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Selenium	**0.15**	**J**	1.0	0.10	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Silver	0.32	U	0.32	0.071	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Sodium	**1980**		79.7	36.4	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Thallium	**0.21**	**J**	0.32	0.033	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Tin	**4.1**	**J**	6.4	0.97	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Vanadium	**34.4**		1.6	0.16	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Zinc	**82.3**		6.4	0.87	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 17:38	10
Barium	**381**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:38	10
Cadmium	**4.0**	**J**	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:38	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:38	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:38	10
Lead	**21.1**		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:38	10

Client Sample ID: A2_10-15_20250520
Lab Sample ID: 460-326691-10
Date Collected: 05/20/25 12:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.0

Method: SW846 6020B - Metals (ICP/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**20.4**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:38	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:38	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:38	10
Zinc	**196**		160	65.2	ug/L		06/02/25 12:34	06/02/25 17:38	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:39	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.10**		0.017	0.0079	mg/Kg	☼	05/30/25 00:43	05/30/25 04:20	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.6**	**HF**			SU			05/30/25 14:30	1
Temperature (SW846 9045D)	**21.5**	**HF**			Degrees C			05/30/25 14:30	1
Corrosivity (SW846 9045D)	**9.6**	**HF**			SU			05/30/25 14:30	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.89	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	05/30/25 20:58	06/01/25 20:48	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.7	U	24.7	24.7	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.8	U	19.8	19.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**7.0**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**93.0**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A2-3_3-5_20250520
Lab Sample ID: 460-326691-11
Date Collected: 05/20/25 11:30
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.6

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.0	U	1.0	1.0	mg/Kg	☼	05/30/25 10:03	05/30/25 12:25	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*82*		*75 - 150*	*05/30/25 10:03*	*05/30/25 12:25*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**590**		47	3.0	mg/Kg	☼	05/30/25 08:36	05/30/25 19:58	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*10 - 150*	*05/30/25 08:36*	*05/30/25 19:58*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.4**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**92.6**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A2-3_10-12_20250520
Lab Sample ID: 460-326691-12
Date Collected: 05/20/25 11:35
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 97.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	0.90	U	0.90	0.90	mg/Kg	☼	05/30/25 10:03	05/30/25 12:51	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*75 - 150*	*05/30/25 10:03*	*05/30/25 12:51*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**30**		8.9	0.56	mg/Kg	☼	05/30/25 08:36	05/30/25 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*108*		*10 - 150*	*05/30/25 08:36*	*05/30/25 20:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.3**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**97.7**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A2-3_8-10_20250520
Lab Sample ID: 460-326691-13
Date Collected: 05/20/25 11:40
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	0.96	U	0.96	0.96	mg/Kg	☼	05/30/25 10:03	05/30/25 15:03	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*110*		*75 - 150*	*05/30/25 10:03*	*05/30/25 15:03*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**51**		9.5	0.60	mg/Kg	☼	05/30/25 08:36	05/30/25 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*10 - 150*	*05/30/25 08:36*	*05/30/25 16:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.3**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**91.7**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A3_0-5_20250520
Lab Sample ID: 460-326691-14
Date Collected: 05/20/25 14:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A3_0-5_20250520
Lab Sample ID: 460-326691-14
Date Collected: 05/20/25 14:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Acenaphthene	**0.010**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Acenaphthylene	**0.025**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Anthracene	**0.043**	**J**	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Benzidine	0.35	U	0.35	0.074	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Benzo[a]anthracene	**0.16**		0.035	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Benzo[a]pyrene	**0.15**		0.035	0.0094	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Benzo[b]fluoranthene	**0.24**		0.035	0.0091	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Benzo[g,h,i]perylene	**0.099**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Benzo[k]fluoranthene	**0.072**		0.035	0.0069	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Chrysene	**0.20**	**J**	0.35	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Dibenz(a,h)anthracene	**0.041**		0.035	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Fluoranthene	**0.40**		0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1

Client Sample ID: A3_0-5_20250520
Lab Sample ID: 460-326691-14
Date Collected: 05/20/25 14:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	**0.019**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Indeno[1,2,3-cd]pyrene	**0.12**		0.035	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Phenanthrene	**0.24**	**J**	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Pyrene	**0.33**	**J**	0.35	0.0087	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Pyridine	0.35	U	0.35	0.050	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 14:10*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*	*05/29/25 20:32*	*05/30/25 14:10*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*05/29/25 20:32*	*05/30/25 14:10*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*05/29/25 20:32*	*05/30/25 14:10*	*1*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*	*05/29/25 20:32*	*05/30/25 14:10*	*1*
Phenol-d5 (Surr)	*66*		*28 - 118*	*05/29/25 20:32*	*05/30/25 14:10*	*1*
Terphenyl-d14 (Surr)	*73*		*33 - 124*	*05/29/25 20:32*	*05/30/25 14:10*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1

Client Sample ID: A3_0-5_20250520
Lab Sample ID: 460-326691-14
Date Collected: 05/20/25 14:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
trans-Chlordane	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:10*	*1*
DCB Decachlorobiphenyl	*95*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:10*	*1*
Tetrachloro-m-xylene	*85*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:10*	*1*
Tetrachloro-m-xylene	*95*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:10*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*135*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:54*	*1*
DCB Decachlorobiphenyl	*128*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:54*	*1*
Tetrachloro-m-xylene	*124*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:54*	*1*
Tetrachloro-m-xylene	*114*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:54*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U	0.035	0.0075	mg/Kg	☼	05/30/25 05:32	05/31/25 00:10	1
2,4-D	0.035	U	0.035	0.013	mg/Kg	☼	05/30/25 05:32	05/31/25 00:10	1
Silvex (2,4,5-TP)	0.035	U *	0.035	0.0037	mg/Kg	☼	05/30/25 05:32	05/31/25 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*168*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 00:10*	*1*
2,4-Dichlorophenylacetic acid	*167*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 00:10*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**230**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*112*		*40 - 140*	*05/30/25 09:49*	*05/30/25 22:24*	*1*
1-Chlorooctadecane	*111*		*40 - 140*	*05/30/25 09:49*	*05/30/25 22:24*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8440**		17.1	4.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Antimony	**1.6**		0.85	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Arsenic	**3.3**		0.85	0.088	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1

Client Sample ID: A3_0-5_20250520
Lab Sample ID: 460-326691-14

Date Collected: 05/20/25 14:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.8

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	110		1.7	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Beryllium	0.51		0.34	0.019	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Boron	4.5	J	34.1	1.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Cadmium	0.38	J	0.85	0.096	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Calcium	39400		85.3	8.3	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Chromium	24.0		1.7	0.25	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Cobalt	6.6		1.7	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Copper	68.0		1.7	0.31	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Iron	16900		51.2	6.5	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Lead	221		0.51	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Magnesium	13000		85.3	8.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Manganese	390		3.4	0.34	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Nickel	15.6		1.7	0.15	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Potassium	1690		85.3	13.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Selenium	0.20	J	1.1	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Silver	0.086	J	0.34	0.076	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Sodium	403		85.3	39.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Thallium	0.14	J	0.34	0.035	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Tin	12.4		6.8	1.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Vanadium	28.1		1.7	0.18	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Zinc	158		6.8	0.93	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 17:41	10
Barium	756		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:41	10
Cadmium	4.3	J	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:41	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:41	10
Copper	26.9	J	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:41	10
Lead	80.9		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:41	10
Nickel	40.0	U	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:41	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:41	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:41	10
Zinc	114	J	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:41	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.49		0.017	0.0081	mg/Kg	☼	05/30/25 00:43	05/30/25 04:22	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	9.6	HF			SU			05/30/25 14:32	1
Temperature (SW846 9045D)	21.7	HF			Degrees C			05/30/25 14:32	1
Corrosivity (SW846 9045D)	9.6	HF			SU			05/30/25 14:32	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.90	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1

Client Sample ID: A3_0-5_20250520
Lab Sample ID: 460-326691-14
Date Collected: 05/20/25 14:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.8

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	05/30/25 20:58	06/01/25 20:53	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A3_5-10_20250520
Lab Sample ID: 460-326691-15
Date Collected: 05/20/25 14:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2-Nitrophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.14	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Benzidine	0.35	U	0.35	0.075	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1

Client Sample ID: A3_5-10_20250520
Lab Sample ID: 460-326691-15

Date Collected: 05/20/25 14:10
Matrix: Solid

Date Received: 05/20/25 17:00
Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**0.032**	**J**	0.035	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Benzo[a]pyrene	**0.028**	**J**	0.035	0.0095	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Benzo[b]fluoranthene	**0.034**	**J**	0.035	0.0092	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Benzo[g,h,i]perylene	**0.019**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Benzo[k]fluoranthene	**0.013**	**J**	0.035	0.0070	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.066	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Carbazole	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Chrysene	**0.027**	**J**	0.35	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Fluoranthene	**0.051**	**J**	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Indeno[1,2,3-cd]pyrene	**0.037**		0.035	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Phenanthrene	**0.029**	**J**	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Pyrene	**0.047**	**J**	0.35	0.0088	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Pyridine	0.35	U	0.35	0.051	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 12:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*05/29/25 20:32*	*05/30/25 12:43*	*1*
2-Fluorobiphenyl	*70*		*33 - 117*	*05/29/25 20:32*	*05/30/25 12:43*	*1*
2-Fluorophenol (Surr)	*71*		*24 - 120*	*05/29/25 20:32*	*05/30/25 12:43*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*05/29/25 20:32*	*05/30/25 12:43*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*05/29/25 20:32*	*05/30/25 12:43*	*1*
Terphenyl-d14 (Surr)	*69*		*33 - 124*	*05/29/25 20:32*	*05/30/25 12:43*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1

Client Sample ID: A3_5-10_20250520
Lab Sample ID: 460-326691-15
Date Collected: 05/20/25 14:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
trans-Chlordane	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:23*	*1*
DCB Decachlorobiphenyl	*94*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:23*	*1*
Tetrachloro-m-xylene	*84*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:23*	*1*
Tetrachloro-m-xylene	*92*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:23*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*141*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:10*	*1*
DCB Decachlorobiphenyl	*139*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:10*	*1*
Tetrachloro-m-xylene	*124*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:10*	*1*
Tetrachloro-m-xylene	*122*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:10*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0076	mg/Kg	☼	05/30/25 05:32	05/31/25 00:29	1

Client Sample ID: A3_5-10_20250520
Lab Sample ID: 460-326691-15

Date Collected: 05/20/25 14:10
Matrix: Solid

Date Received: 05/20/25 17:00
Percent Solids: 92.7

Method: SW846 8151A - Herbicides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 05:32	05/31/25 00:29	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0037	mg/Kg	☼	05/30/25 05:32	05/31/25 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*138*		*41 - 150*	*05/30/25 05:32*	*05/31/25 00:29*	*1*
2,4-Dichlorophenylacetic acid	*167*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 00:29*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**87**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*103*		*40 - 140*	*05/30/25 09:49*	*05/30/25 22:38*	*1*
1-Chlorooctadecane	*115*		*40 - 140*	*05/30/25 09:49*	*05/30/25 22:38*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**17200**		17.7	4.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Antimony	**0.39**	**J**	0.88	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Arsenic	**2.1**		0.88	0.091	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Barium	**77.7**		1.8	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Beryllium	**0.92**		0.35	0.019	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Boron	**4.1**	**J**	35.4	1.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Cadmium	**0.21**	**J**	0.88	0.10	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Calcium	**49800**		88.4	8.6	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Chromium	**24.8**		1.8	0.26	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Cobalt	**8.2**		1.8	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Copper	**24.1**		1.8	0.33	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Iron	**19200**		53.0	6.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Lead	**104**		0.53	0.18	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Magnesium	**15300**		88.4	9.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Manganese	**408**		3.5	0.36	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Nickel	**17.1**		1.8	0.16	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Potassium	**2180**		88.4	14.3	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Selenium	**0.12**	**J**	1.1	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Silver	0.35	U	0.35	0.079	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Sodium	**1430**		88.4	40.4	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Thallium	**0.22**	**J**	0.35	0.036	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Tin	**3.9**	**J**	7.1	1.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Vanadium	**33.9**		1.8	0.18	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Zinc	**118**		7.1	0.96	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 17:43	10
Barium	**785**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:43	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:43	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:43	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:43	10
Lead	**54.8**		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:43	10
Nickel	**11.8**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:43	10

Client Sample ID: A3_5-10_20250520
Lab Sample ID: 460-326691-15
Date Collected: 05/20/25 14:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.7

Method: SW846 6020B - Metals (ICP/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:43	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:43	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:43	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:43	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.22**		0.017	0.0081	mg/Kg	☼	05/30/25 00:43	05/30/25 04:24	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.5**	**HF**			SU			05/30/25 14:34	1
Temperature (SW846 9045D)	**21.8**	**HF**			Degrees C			05/30/25 14:34	1
Corrosivity (SW846 9045D)	**9.5**	**HF**			SU			05/30/25 14:34	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.89	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.25	U	0.25	0.14	mg/Kg	☼	05/30/25 20:58	06/01/25 20:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**7.3**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**92.7**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A3_10-15_20250520
Lab Sample ID: 460-326691-16
Date Collected: 05/20/25 14:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,4-Dimethylphenol	0.36	U *	0.36	0.043	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A3_10-15_20250520
Lab Sample ID: 460-326691-16
Date Collected: 05/20/25 14:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Benzidine	0.36	U	0.36	0.075	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1

Client Sample ID: A3_10-15_20250520
Lab Sample ID: 460-326691-16
Date Collected: 05/20/25 14:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Pyridine	0.36	U	0.36	0.051	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:31*	*05/30/25 08:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*05/29/25 20:31*	*05/30/25 08:18*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*05/29/25 20:31*	*05/30/25 08:18*	*1*
2-Fluorophenol (Surr)	*60*		*24 - 120*	*05/29/25 20:31*	*05/30/25 08:18*	*1*
Nitrobenzene-d5 (Surr)	*52*		*27 - 120*	*05/29/25 20:31*	*05/30/25 08:18*	*1*
Phenol-d5 (Surr)	*58*		*28 - 118*	*05/29/25 20:31*	*05/30/25 08:18*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*05/29/25 20:31*	*05/30/25 08:18*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
beta-BHC	0.0021	U	0.0021	0.00081	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
trans-Chlordane	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:36*	*1*
DCB Decachlorobiphenyl	*81*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:36*	*1*
Tetrachloro-m-xylene	*74*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:36*	*1*
Tetrachloro-m-xylene	*83*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:36*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1

Client Sample ID: A3_10-15_20250520
Date Collected: 05/20/25 14:15
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-16
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*136*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:27*	*1*
DCB Decachlorobiphenyl	*131*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:27*	*1*
Tetrachloro-m-xylene	*128*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:27*	*1*
Tetrachloro-m-xylene	*123*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:27*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0076	mg/Kg	☼	05/30/25 05:32	05/31/25 00:48	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 05:32	05/31/25 00:48	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0037	mg/Kg	☼	05/30/25 05:32	05/31/25 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*147*		*41 - 150*	*05/30/25 05:32*	*05/31/25 00:48*	*1*
2,4-Dichlorophenylacetic acid	*160*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 00:48*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**51**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*79*		*40 - 140*	*05/30/25 09:49*	*05/30/25 20:32*	*1*
1-Chlorooctadecane	*86*		*40 - 140*	*05/30/25 09:49*	*05/30/25 20:32*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**17700**		16.7	4.6	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Antimony	**0.30**	**J**	0.84	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Arsenic	**2.1**		0.84	0.086	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Barium	**43.9**		1.7	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Beryllium	**0.66**		0.33	0.018	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Boron	**4.1**	**J**	33.5	1.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Cadmium	**0.26**	**J**	0.84	0.095	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Calcium	**106000**		837	81.4	mg/Kg	☼	05/30/25 19:35	05/31/25 17:01	10
Chromium	**25.0**		1.7	0.25	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Cobalt	**6.3**		1.7	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Copper	**13.5**		1.7	0.31	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Iron	**20100**		50.2	6.4	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Lead	**29.1**		0.50	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Magnesium	**17500**		83.7	8.5	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Manganese	**409**		3.3	0.34	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A3_10-15_20250520
Lab Sample ID: 460-326691-16
Date Collected: 05/20/25 14:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.6

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**13.7**		1.7	0.15	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Potassium	**2000**		83.7	13.6	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Selenium	**0.12**	**J**	1.0	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Silver	0.33	U	0.33	0.074	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Sodium	**1140**		83.7	38.2	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Thallium	**0.22**	**J**	0.33	0.034	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Tin	**1.8**	**J**	6.7	1.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Vanadium	**39.8**		1.7	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Zinc	**107**		6.7	0.91	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 17:46	10
Barium	**525**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:46	10
Cadmium	**3.6**	**J**	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:46	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:46	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:46	10
Lead	12.0	U	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:46	10
Nickel	40.0	U	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:46	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:46	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:46	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:46	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.19**		0.018	0.0086	mg/Kg	☼	05/30/25 00:43	05/30/25 04:26	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.4**	**HF**			SU			05/30/25 14:36	1
Temperature (SW846 9045D)	**21.4**	**HF**			Degrees C			05/30/25 14:36	1
Corrosivity (SW846 9045D)	**9.4**	**HF**			SU			05/30/25 14:36	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.92	mg/Kg	☼	05/31/25 07:40	05/31/25 12:00	1
Cyanide, Total (SW846 9012B)	0.24	U	0.24	0.13	mg/Kg	☼	05/30/25 20:58	06/01/25 20:55	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**7.4**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**92.6**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A3-1_3-5_20250520
Lab Sample ID: 460-326691-17
Date Collected: 05/20/25 14:20
Matrix: Solid
Date Received: 05/20/25 17:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.3		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	91.7		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A3-1_3-5_20250520
Lab Sample ID: 460-326691-17
Date Collected: 05/20/25 14:20
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.1	U	1.1	1.1	mg/Kg	☼	05/30/25 10:04	05/30/25 13:44	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*113*		*75 - 150*	*05/30/25 10:04*	*05/30/25 13:44*	*50*

Client Sample ID: A3-1_8-10_20250520
Lab Sample ID: 460-326691-18
Date Collected: 05/20/25 14:25
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 95.5

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.6	U	1.6	1.6	mg/Kg	☼	05/30/25 10:04	05/30/25 14:10	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*115*		*75 - 150*	*05/30/25 10:04*	*05/30/25 14:10*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	9.1	U	9.1	0.57	mg/Kg	☼	05/30/25 08:37	05/30/25 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*83*		*10 - 150*	*05/30/25 08:37*	*05/30/25 20:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.5		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	95.5		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A3-1_13-15_20250520
Lab Sample ID: 460-326691-19
Date Collected: 05/20/25 14:30
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.9

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.1	U	1.1	1.1	mg/Kg	☼	05/30/25 10:04	05/30/25 14:36	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*169*	*	*75 - 150*	*05/30/25 10:04*	*05/30/25 14:36*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	9.3	U	9.3	0.59	mg/Kg	☼	05/30/25 08:37	05/30/25 20:53	1

Client Sample ID: A3-1_13-15_20250520
Lab Sample ID: 460-326691-19

Date Collected: 05/20/25 14:30
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*82*		*10 - 150*	*05/30/25 08:37*	*05/30/25 20:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.1**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**92.9**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B4_0-5_20250522
Lab Sample ID: 460-326806-1

Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 89.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,4-Dimethylphenol	0.36	U	0.36	0.044	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2-Methylnaphthalene	**0.016**	**J ***	0.36	0.010	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2-Nitrophenol	0.36	U	0.36	0.037	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
3-Nitroaniline	0.36	U	0.36	0.087	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4-Chloroaniline	0.36	U	0.36	0.065	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4-Nitroaniline	0.36	U	0.36	0.093	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Acenaphthene	**0.024**	**J**	0.36	0.010	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Acenaphthylene	**0.056**	**J**	0.36	0.010	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Anthracene	**0.074**	**J**	0.36	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Benzaldehyde	0.36	U *	0.36	0.060	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Benzidine	0.36	U	0.36	0.077	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Benzo[a]anthracene	**0.32**		0.036	0.028	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Benzo[a]pyrene	**0.39**		0.036	0.0097	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B4_0-5_20250522
Lab Sample ID: 460-326806-1
Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 89.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**0.52**		0.036	0.0095	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Benzo[g,h,i]perylene	**0.24**	**J**	0.36	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Benzo[k]fluoranthene	**0.20**		0.036	0.0072	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.068	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Butyl benzyl phthalate	**0.021**	**J**	0.36	0.017	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Caprolactam	0.36	U *	0.36	0.057	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Carbazole	**0.040**	**J**	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Chrysene	**0.36**		0.36	0.015	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Dibenz(a,h)anthracene	**0.058**		0.036	0.016	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Dibenzofuran	**0.020**	**J**	0.36	0.012	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Fluoranthene	**0.66**		0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Fluorene	**0.023**	**J**	0.36	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Hexachloroethane	0.036	U	0.036	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Indeno[1,2,3-cd]pyrene	**0.24**		0.036	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Naphthalene	**0.025**	**J**	0.36	0.0063	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.027	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Phenanthrene	**0.37**		0.36	0.015	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Pyrene	**0.52**		0.36	0.0091	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Pyridine	0.36	U	0.36	0.052	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*3.4*	*A J*	*mg/Kg*	☼	*2.55*	*N/A*	*05/28/25 08:54*	*05/29/25 01:30*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*18 - 137*	*05/28/25 08:54*	*05/29/25 01:30*	*1*
2-Fluorobiphenyl	*90*		*33 - 117*	*05/28/25 08:54*	*05/29/25 01:30*	*1*
2-Fluorophenol (Surr)	*89*		*24 - 120*	*05/28/25 08:54*	*05/29/25 01:30*	*1*
Nitrobenzene-d5 (Surr)	*84*		*27 - 120*	*05/28/25 08:54*	*05/29/25 01:30*	*1*
Phenol-d5 (Surr)	*92*		*28 - 118*	*05/28/25 08:54*	*05/29/25 01:30*	*1*
Terphenyl-d14 (Surr)	*82*		*33 - 124*	*05/28/25 08:54*	*05/29/25 01:30*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
4,4'-DDE	0.0074	U	0.0074	0.00088	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1

Client Sample ID: B4_0-5_20250522
Lab Sample ID: 460-326806-1
Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 89.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Endrin aldehyde	0.0074	U	0.0074	0.0018	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Heptachlor	0.0074	U	0.0074	0.00088	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
trans-Chlordane	0.0074	U	0.0074	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*17 - 150*	*05/28/25 10:52*	*05/29/25 05:22*	*1*
DCB Decachlorobiphenyl	*72*		*17 - 150*	*05/28/25 10:52*	*05/29/25 05:22*	*1*
Tetrachloro-m-xylene	*84*		*21 - 150*	*05/28/25 10:52*	*05/29/25 05:22*	*1*
Tetrachloro-m-xylene	*98*		*21 - 150*	*05/28/25 10:52*	*05/29/25 05:22*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*145*		*20 - 150*	*05/28/25 10:47*	*05/29/25 05:44*	*1*
DCB Decachlorobiphenyl	*119*		*20 - 150*	*05/28/25 10:47*	*05/29/25 05:44*	*1*
Tetrachloro-m-xylene	*130*		*20 - 150*	*05/28/25 10:47*	*05/29/25 05:44*	*1*
Tetrachloro-m-xylene	*146*		*20 - 150*	*05/28/25 10:47*	*05/29/25 05:44*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.037	U	0.037	0.0079	mg/Kg	☼	05/28/25 06:24	05/28/25 16:57	1
2,4-D	0.037	U	0.037	0.013	mg/Kg	☼	05/28/25 06:24	05/28/25 16:57	1
Silvex (2,4,5-TP)	0.037	U	0.037	0.0039	mg/Kg	☼	05/28/25 06:24	05/28/25 16:57	1

Client Sample ID: B4_0-5_20250522
Lab Sample ID: 460-326806-1

Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 89.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*171*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 16:57*	*1*
2,4-Dichlorophenylacetic acid	*166*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 16:57*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**78**		16	16	mg/Kg	☼	05/28/25 09:28	05/28/25 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*40 - 140*	*05/28/25 09:28*	*05/28/25 21:36*	*1*
1-Chlorooctadecane	*106*		*40 - 140*	*05/28/25 09:28*	*05/28/25 21:36*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7260**		20.8	5.7	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Antimony	**0.26**	**J**	1.0	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Arsenic	**3.1**		1.0	0.11	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Barium	**148**		2.1	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Beryllium	**0.35**	**J**	0.42	0.023	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Boron	**3.1**	**J**	41.6	2.2	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Cadmium	**0.29**	**J**	1.0	0.12	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Calcium	**30500**		104	10.1	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Chromium	**13.5**		2.1	0.31	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Cobalt	**5.5**		2.1	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Copper	**29.5**		2.1	0.38	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Iron	**13100**		62.4	8.0	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Lead	**223**		0.62	0.21	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Magnesium	**11200**		104	10.6	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Manganese	**235**		4.2	0.42	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Nickel	**11.7**		2.1	0.18	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Potassium	**1230**		104	16.8	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Selenium	**0.17**	**J**	1.3	0.13	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Silver	0.42	U	0.42	0.093	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Sodium	**224**		104	47.5	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Thallium	**0.097**	**J**	0.42	0.043	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Tin	**4.9**	**J**	8.3	1.3	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Vanadium	**20.8**		2.1	0.21	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Zinc	**159**		8.3	1.1	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		05/29/25 12:46	05/29/25 17:38	10
Barium	**881**		40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:38	10
Cadmium	**4.0**	**J**	9.2	2.9	ug/L		05/29/25 12:46	05/29/25 17:38	10
Chromium	40.0	U	40.0	12.2	ug/L		05/29/25 12:46	05/29/25 17:38	10
Copper	40.0	U	40.0	24.5	ug/L		05/29/25 12:46	05/29/25 17:38	10
Lead	**175**		12.0	8.4	ug/L		05/29/25 12:46	05/29/25 17:38	10
Nickel	40.0	U	40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:38	10
Selenium	25.0	U	25.0	5.9	ug/L		05/29/25 12:46	05/29/25 17:38	10
Silver	20.0	U	20.0	2.9	ug/L		05/29/25 12:46	05/29/25 17:38	10
Zinc	**226**		160	65.2	ug/L		05/29/25 12:46	05/29/25 17:38	10

Client Sample ID: B4_0-5_20250522
Lab Sample ID: 460-326806-1

Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 89.9

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		05/30/25 10:12	05/30/25 16:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.12**		0.017	0.0079	mg/Kg	☼	05/29/25 00:35	05/29/25 04:44	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.2**	**HF**			SU			05/29/25 13:56	1
Temperature (SW846 9045D)	**21.5**	**HF**			Degrees C			05/29/25 13:56	1
Corrosivity (SW846 9045D)	**10.2**	**HF**			SU			05/29/25 13:56	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.91	mg/Kg	☼	05/30/25 09:00	05/30/25 14:30	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	05/29/25 20:45	05/30/25 13:12	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/28/25 14:53	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			06/03/25 14:56	1
Percent Moisture (EPA Moisture)	**10.1**		1.0	1.0	%			05/27/25 18:14	1
Percent Solids (EPA Moisture)	**89.9**		1.0	1.0	%			05/27/25 18:14	1

Client Sample ID: B4_5-10_20250522
Lab Sample ID: 460-326806-2

Date Collected: 05/22/25 12:05
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 85.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
1,2-Diphenylhydrazine	0.38	U	0.38	0.015	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
1,4-Dioxane	0.038	U	0.038	0.034	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.023	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.039	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.049	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,4-Dichlorophenol	0.15	U	0.15	0.025	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,4-Dimethylphenol	0.38	U	0.38	0.046	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,4-Dinitrotoluene	0.078	U	0.078	0.041	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,6-Dinitrotoluene	0.078	U	0.078	0.028	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2-Chloronaphthalene	0.38	U	0.38	0.049	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2-Chlorophenol	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2-Methylnaphthalene	**0.013**	**J ***	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2-Methylphenol	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2-Nitroaniline	0.38	U	0.38	0.029	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2-Nitrophenol	0.38	U	0.38	0.039	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.058	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
3-Nitroaniline	0.38	U	0.38	0.091	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B4_5-10_20250522
Date Collected: 05/22/25 12:05
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-2
Matrix: Solid
Percent Solids: 85.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.022	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
4-Chloroaniline	0.38	U	0.38	0.068	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
4-Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
4-Nitroaniline	0.38	U	0.38	0.098	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
4-Nitrophenol	0.78	U	0.78	0.063	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Acenaphthene	**0.015**	**J**	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Acenaphthylene	**0.033**	**J**	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Acetophenone	0.38	U	0.38	0.019	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Anthracene	**0.053**	**J**	0.38	0.012	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Atrazine	0.15	U *	0.15	0.023	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Benzaldehyde	0.38	U *	0.38	0.064	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Benzidine	0.38	U	0.38	0.081	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Benzo[a]anthracene	**0.22**		0.038	0.029	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Benzo[a]pyrene	**0.25**		0.038	0.010	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Benzo[b]fluoranthene	**0.34**		0.038	0.010	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Benzo[g,h,i]perylene	**0.15**	**J**	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Benzo[k]fluoranthene	**0.12**		0.038	0.0075	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.071	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Butyl benzyl phthalate	**0.021**	**J**	0.38	0.018	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Caprolactam	0.38	U *	0.38	0.060	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Carbazole	**0.017**	**J**	0.38	0.015	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Chrysene	**0.22**	**J**	0.38	0.016	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Dibenz(a,h)anthracene	**0.039**		0.038	0.017	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Dibenzofuran	0.38	U	0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Diethyl phthalate	0.38	U	0.38	0.012	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Dimethyl phthalate	0.38	U	0.38	0.087	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Fluoranthene	**0.43**		0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Fluorene	0.38	U	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Hexachlorobutadiene	0.078	U	0.078	0.0082	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.034	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Indeno[1,2,3-cd]pyrene	**0.14**		0.038	0.015	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Naphthalene	**0.014**	**J**	0.38	0.0067	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Nitrobenzene	0.038	U	0.038	0.021	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.032	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Pentachlorophenol	0.31	U	0.31	0.079	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Phenanthrene	**0.19**	**J**	0.38	0.016	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Phenol	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Pyrene	**0.37**	**J**	0.38	0.0096	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Pyridine	0.38	U	0.38	0.055	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1

Client Sample ID: B4_5-10_20250522
Lab Sample ID: 460-326806-2

Date Collected: 05/22/25 12:05
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 85.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Aldol condensation product	1.5	A J	mg/Kg	☼	2.55	N/A	05/28/25 08:54	05/29/25 06:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	57		18 - 137	05/28/25 08:54	05/29/25 06:02	1
2-Fluorobiphenyl	66		33 - 117	05/28/25 08:54	05/29/25 06:02	1
2-Fluorophenol (Surr)	65		24 - 120	05/28/25 08:54	05/29/25 06:02	1
Nitrobenzene-d5 (Surr)	59		27 - 120	05/28/25 08:54	05/29/25 06:02	1
Phenol-d5 (Surr)	65		28 - 118	05/28/25 08:54	05/29/25 06:02	1
Terphenyl-d14 (Surr)	59		33 - 124	05/28/25 08:54	05/29/25 06:02	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0078	U	0.0078	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
4,4'-DDE	0.0078	U	0.0078	0.00092	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
4,4'-DDT	0.0078	U	0.0078	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Aldrin	0.0078	U	0.0078	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
alpha-BHC	0.0023	U	0.0023	0.00079	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
beta-BHC	0.0023	U	0.0023	0.00087	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Chlordane (technical)	0.078	U	0.078	0.019	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
cis-Chlordane	0.0078	U	0.0078	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
delta-BHC	0.0023	U	0.0023	0.00048	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Endosulfan I	0.0078	U	0.0078	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Endosulfan II	0.0078	U	0.0078	0.0020	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Endosulfan sulfate	0.0078	U	0.0078	0.00098	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Endrin	0.0078	U	0.0078	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Endrin aldehyde	0.0078	U	0.0078	0.0018	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Endrin ketone	0.0078	U	0.0078	0.0015	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00072	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Heptachlor	0.0078	U	0.0078	0.00092	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Heptachlor epoxide	0.0078	U	0.0078	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Methoxychlor	0.0078	U	0.0078	0.0018	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Toxaphene	0.078	U	0.078	0.028	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
trans-Chlordane	0.0078	U	0.0078	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		17 - 150	05/28/25 10:52	05/29/25 05:35	1
DCB Decachlorobiphenyl	59		17 - 150	05/28/25 10:52	05/29/25 05:35	1
Tetrachloro-m-xylene	69		21 - 150	05/28/25 10:52	05/29/25 05:35	1
Tetrachloro-m-xylene	80		21 - 150	05/28/25 10:52	05/29/25 05:35	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Aroclor 1221	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Aroclor 1232	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Aroclor 1242	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Aroclor 1248	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Aroclor 1254	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Aroclor 1260	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Aroclor 1268	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1

Client Sample ID: B4_5-10_20250522
Lab Sample ID: 460-326806-2

Date Collected: 05/22/25 12:05
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 85.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1262	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Polychlorinated biphenyls, Total	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*107*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:01*	*1*
DCB Decachlorobiphenyl	*99*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:01*	*1*
Tetrachloro-m-xylene	*107*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:01*	*1*
Tetrachloro-m-xylene	*122*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:01*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.039	U	0.039	0.0082	mg/Kg	☼	05/28/25 06:24	05/28/25 17:16	1
2,4-D	0.039	U	0.039	0.014	mg/Kg	☼	05/28/25 06:24	05/28/25 17:16	1
Silvex (2,4,5-TP)	0.039	U	0.039	0.0040	mg/Kg	☼	05/28/25 06:24	05/28/25 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*211*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 17:16*	*1*
2,4-Dichlorophenylacetic acid	*173*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 17:16*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**74**		16	16	mg/Kg	☼	05/28/25 09:28	05/28/25 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*40 - 140*	*05/28/25 09:28*	*05/28/25 21:50*	*1*
1-Chlorooctadecane	*106*		*40 - 140*	*05/28/25 09:28*	*05/28/25 21:50*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6790**		21.6	5.9	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Antimony	1.1	U	1.1	0.16	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Arsenic	**1.7**		1.1	0.11	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Barium	**35.1**		2.2	0.16	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Beryllium	**0.31**	**J**	0.43	0.024	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Boron	43.2	U	43.2	2.3	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Cadmium	1.1	U	1.1	0.12	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Calcium	**2510**		108	10.5	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Chromium	**10.3**		2.2	0.32	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Cobalt	**6.2**		2.2	0.16	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Copper	**11.6**		2.2	0.40	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Iron	**11400**		64.8	8.3	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Lead	**19.4**		0.65	0.22	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Magnesium	**2930**		108	11.0	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Manganese	**107**		4.3	0.44	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Nickel	**11.0**		2.2	0.19	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Potassium	**751**		108	17.5	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Selenium	1.4	U	1.4	0.14	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Silver	0.43	U	0.43	0.096	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Sodium	**151**		108	49.4	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Thallium	0.43	U	0.43	0.044	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Tin	**1.6**	**J**	8.6	1.3	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1

Client Sample ID: B4_5-10_20250522

Lab Sample ID: 460-326806-2
Date Collected: 05/22/25 12:05
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 85.7

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	**10.9**		2.2	0.22	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Zinc	**48.4**		8.6	1.2	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		05/29/25 12:46	05/29/25 17:41	10
Barium	**445**		40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:41	10
Cadmium	9.2	U	9.2	2.9	ug/L		05/29/25 12:46	05/29/25 17:41	10
Chromium	40.0	U	40.0	12.2	ug/L		05/29/25 12:46	05/29/25 17:41	10
Copper	40.0	U	40.0	24.5	ug/L		05/29/25 12:46	05/29/25 17:41	10
Lead	**29.5**		12.0	8.4	ug/L		05/29/25 12:46	05/29/25 17:41	10
Nickel	40.0	U	40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:41	10
Selenium	25.0	U	25.0	5.9	ug/L		05/29/25 12:46	05/29/25 17:41	10
Silver	20.0	U	20.0	2.9	ug/L		05/29/25 12:46	05/29/25 17:41	10
Zinc	**233**		160	65.2	ug/L		05/29/25 12:46	05/29/25 17:41	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.59**		0.20	0.091	ug/L		05/30/25 10:12	05/30/25 16:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.064**		0.018	0.0086	mg/Kg	☼	05/29/25 00:35	05/29/25 04:46	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.3**	**HF**			SU			05/29/25 13:57	1
Temperature (SW846 9045D)	**21.4**	**HF**			Degrees C			05/29/25 13:57	1
Corrosivity (SW846 9045D)	**9.3**	**HF**			SU			05/29/25 13:57	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.3	U	2.3	0.96	mg/Kg	☼	05/30/25 09:00	05/30/25 14:30	1
Cyanide, Total (SW846 9012B)	0.26	U	0.26	0.14	mg/Kg	☼	05/29/25 20:45	05/30/25 13:13	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/28/25 14:53	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Percent Moisture (EPA Moisture)	**14.3**		1.0	1.0	%			05/27/25 18:14	1
Percent Solids (EPA Moisture)	**85.7**		1.0	1.0	%			05/27/25 18:14	1

Client Sample ID: B4_10-15_20250522

Lab Sample ID: 460-326806-3
Date Collected: 05/22/25 12:15
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 91.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B4_10-15_20250522
Date Collected: 05/22/25 12:15
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-3
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,4-Dinitrotoluene	0.072	U	0.072	0.039	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2-Methylnaphthalene	**0.15**	**J ***	0.36	0.010	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Benzaldehyde	0.36	U *	0.36	0.059	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Benzidine	0.36	U	0.36	0.075	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Benzo[a]anthracene	**0.039**		0.036	0.027	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Benzo[a]pyrene	**0.044**		0.036	0.0095	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Benzo[b]fluoranthene	**0.057**		0.036	0.0093	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Benzo[g,h,i]perylene	**0.039**	**J**	0.36	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Benzo[k]fluoranthene	**0.022**	**J**	0.036	0.0070	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Chrysene	**0.039**	**J**	0.36	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1

Client Sample ID: B4_10-15_20250522
Lab Sample ID: 460-326806-3
Date Collected: 05/22/25 12:15
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 91.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**0.057**	**J**	0.36	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Indeno[1,2,3-cd]pyrene	**0.038**		0.036	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Naphthalene	**0.18**	**J**	0.36	0.0062	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Phenanthrene	**0.026**	**J**	0.36	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Pyrene	**0.056**	**J**	0.36	0.0089	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Pyridine	0.36	U	0.36	0.051	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.56*	*A J*	*mg/Kg*	☼	*2.54*	*N/A*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Benzene, 1,2,3-trimethyl-	*0.84*	*J N*	*mg/Kg*	☼	*3.92*	*526-73-8*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Benzene, 1,3,5-trimethyl-	*0.30*	*J N*	*mg/Kg*	☼	*4.15*	*108-67-8*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Benzene, 2-ethyl-1,4-dimethyl-	*0.45*	*J N*	*mg/Kg*	☼	*4.41*	*1758-88-9*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Benzene, 1-ethenyl-4-ethyl-	*0.38*	*J N*	*mg/Kg*	☼	*5.08*	*3454-07-7*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Cyclic octaatomic sulfur	*0.33*	*J N*	*mg/Kg*	☼	*9.63*	*10544-50-0*	*05/28/25 08:54*	*05/28/25 23:17*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*18 - 137*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
2-Fluorobiphenyl	*70*		*33 - 117*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
2-Fluorophenol (Surr)	*73*		*24 - 120*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Phenol-d5 (Surr)	*75*		*28 - 118*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Terphenyl-d14 (Surr)	*73*		*33 - 124*	*05/28/25 08:54*	*05/28/25 23:17*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1

Client Sample ID: B4_10-15_20250522
Lab Sample ID: 460-326806-3
Date Collected: 05/22/25 12:15
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 91.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
trans-Chlordane	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*17 - 150*	*05/28/25 10:52*	*05/29/25 08:27*	*1*
DCB Decachlorobiphenyl	*75*		*17 - 150*	*05/28/25 10:52*	*05/29/25 08:27*	*1*
Tetrachloro-m-xylene	*85*		*21 - 150*	*05/28/25 10:52*	*05/29/25 08:27*	*1*
Tetrachloro-m-xylene	*96*		*21 - 150*	*05/28/25 10:52*	*05/29/25 08:27*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*138*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:17*	*1*
DCB Decachlorobiphenyl	*135*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:17*	*1*
Tetrachloro-m-xylene	*147*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:17*	*1*
Tetrachloro-m-xylene	*162*	*	*20 - 150*	*05/28/25 10:47*	*05/29/25 06:17*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0077	mg/Kg	☼	05/28/25 06:24	05/28/25 17:35	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/28/25 06:24	05/28/25 17:35	1
Silvex (2,4,5-TP)	0.036	U	0.036	0.0038	mg/Kg	☼	05/28/25 06:24	05/28/25 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*1521*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 17:35*	*1*
2,4-Dichlorophenylacetic acid	*488*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 17:35*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**58**		15	15	mg/Kg	☼	05/28/25 09:28	05/28/25 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*40 - 140*	*05/28/25 09:28*	*05/28/25 22:04*	*1*
1-Chlorooctadecane	*106*		*40 - 140*	*05/28/25 09:28*	*05/28/25 22:04*	*1*

Client Sample ID: B4_10-15_20250522

Date Collected: 05/22/25 12:15
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-3

Matrix: Solid
Percent Solids: 91.7

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7380**		20.6	5.6	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Antimony	1.0	U	1.0	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Arsenic	**0.91**	**J**	1.0	0.11	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Barium	**60.9**		2.1	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Beryllium	**0.25**	**J**	0.41	0.023	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Boron	41.1	U	41.1	2.2	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Cadmium	1.0	U	1.0	0.12	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Calcium	**11300**		103	10.0	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Chromium	**14.9**		2.1	0.31	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Cobalt	**10.5**		2.1	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Copper	**121**		2.1	0.38	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Iron	**12800**		61.7	7.9	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Lead	**31.2**		0.62	0.21	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Magnesium	**6480**		103	10.5	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Manganese	**147**		4.1	0.41	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Nickel	**14.4**		2.1	0.18	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Potassium	**1890**		103	16.7	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Selenium	**0.37**	**J**	1.3	0.13	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Silver	0.41	U	0.41	0.092	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Sodium	**278**		103	47.0	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Thallium	**0.13**	**J**	0.41	0.042	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Tin	**1.8**	**J**	8.2	1.3	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Vanadium	**17.9**		2.1	0.21	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Zinc	**55.6**		8.2	1.1	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		05/29/25 12:46	05/29/25 17:44	10
Barium	**1030**		40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:44	10
Cadmium	9.2	U	9.2	2.9	ug/L		05/29/25 12:46	05/29/25 17:44	10
Chromium	40.0	U	40.0	12.2	ug/L		05/29/25 12:46	05/29/25 17:44	10
Copper	40.0	U	40.0	24.5	ug/L		05/29/25 12:46	05/29/25 17:44	10
Lead	**122**		12.0	8.4	ug/L		05/29/25 12:46	05/29/25 17:44	10
Nickel	**9.3**	**J**	40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:44	10
Selenium	25.0	U	25.0	5.9	ug/L		05/29/25 12:46	05/29/25 17:44	10
Silver	20.0	U	20.0	2.9	ug/L		05/29/25 12:46	05/29/25 17:44	10
Zinc	**71.5**	**J**	160	65.2	ug/L		05/29/25 12:46	05/29/25 17:44	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.22**		0.20	0.091	ug/L		05/30/25 10:12	05/30/25 16:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.049**		0.018	0.0083	mg/Kg	☼	05/29/25 00:35	05/29/25 04:47	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.1**	**HF**			SU			05/29/25 13:59	1
Temperature (SW846 9045D)	**21.4**	**HF**			Degrees C			05/29/25 13:59	1

Client Sample ID: B4_10-15_20250522
Lab Sample ID: 460-326806-3
Date Collected: 05/22/25 12:15
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 91.7

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**10.1**	**HF**			SU			05/29/25 13:59	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.91	mg/Kg	☼	05/30/25 09:00	05/30/25 14:30	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	05/29/25 20:45	05/30/25 13:14	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/28/25 14:53	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Percent Moisture (EPA Moisture)	**8.3**		1.0	1.0	%			05/27/25 18:14	1
Percent Solids (EPA Moisture)	**91.7**		1.0	1.0	%			05/27/25 18:14	1

Client Sample ID: B4_15-20_20250522
Lab Sample ID: 460-326806-4
Date Collected: 05/22/25 14:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 87.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
1,2-Diphenylhydrazine	0.38	U	0.38	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
1,4-Dioxane	0.038	U	0.038	0.033	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.023	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.038	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,4-Dimethylphenol	0.38	U	0.38	0.045	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,4-Dinitrotoluene	0.076	U	0.076	0.041	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,6-Dinitrotoluene	0.076	U	0.076	0.027	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2-Chloronaphthalene	0.38	U	0.38	0.048	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2-Chlorophenol	0.38	U	0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2-Methylnaphthalene	**0.11**	**J ***	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2-Methylphenol	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2-Nitroaniline	0.38	U	0.38	0.029	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2-Nitrophenol	0.38	U	0.38	0.038	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.057	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
3-Nitroaniline	0.38	U	0.38	0.089	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.021	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4-Chloroaniline	0.38	U	0.38	0.067	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4-Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4-Nitroaniline	0.38	U	0.38	0.095	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4-Nitrophenol	0.76	U	0.76	0.061	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Acenaphthene	0.38	U	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Acenaphthylene	0.38	U	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Acetophenone	0.38	U	0.38	0.018	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B4_15-20_20250522
Date Collected: 05/22/25 14:00
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-4
Matrix: Solid
Percent Solids: 87.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.38	U	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Benzaldehyde	0.38	U *	0.38	0.062	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Benzidine	0.38	U	0.38	0.079	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Benzo[a]anthracene	0.038	U	0.038	0.028	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Benzo[a]pyrene	0.038	U	0.038	0.010	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Benzo[b]fluoranthene	**0.013**	**J**	0.038	0.0097	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Benzo[g,h,i]perylene	0.38	U	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Benzo[k]fluoranthene	0.038	U	0.038	0.0074	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.070	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Caprolactam	0.38	U *	0.38	0.059	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Carbazole	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Chrysene	0.38	U	0.38	0.016	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Dibenz(a,h)anthracene	0.038	U	0.038	0.016	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Dibenzofuran	0.38	U	0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Diethyl phthalate	0.38	U	0.38	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Dimethyl phthalate	0.38	U	0.38	0.086	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Fluoranthene	**0.019**	**J**	0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Fluorene	0.38	U	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Hexachlorobutadiene	0.076	U	0.076	0.0080	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.033	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Indeno[1,2,3-cd]pyrene	0.038	U	0.038	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Naphthalene	**0.20**	**J**	0.38	0.0065	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Nitrobenzene	0.038	U	0.038	0.021	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.027	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.031	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Pentachlorophenol	0.30	U	0.30	0.077	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Phenanthrene	0.38	U	0.38	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Phenol	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Pyrene	**0.016**	**J**	0.38	0.0094	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Pyridine	0.38	U	0.38	0.054	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.42*	*A J*	*mg/Kg*	☼	*2.54*	*N/A*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
Unknown	*0.45*	*J*	*mg/Kg*	☼	*3.61*	*N/A*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
Benzene, 1,2,3-trimethyl-	*0.99*	*J N*	*mg/Kg*	☼	*3.93*	*526-73-8*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
Benzene, 1,3-diethyl-	*0.46*	*J N*	*mg/Kg*	☼	*4.40*	*141-93-5*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
Sulfur	*0.34*	*J N*	*mg/Kg*	☼	*7.26*	*13798-23-7*	*05/28/25 08:54*	*05/28/25 22:10*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*18 - 137*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
2-Fluorobiphenyl	*86*		*33 - 117*	*05/28/25 08:54*	*05/28/25 22:10*	*1*

Client Sample ID: B4_15-20_20250522
Lab Sample ID: 460-326806-4
Date Collected: 05/22/25 14:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 87.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*91*		*24 - 120*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
Phenol-d5 (Surr)	*94*		*28 - 118*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
Terphenyl-d14 (Surr)	*91*		*33 - 124*	*05/28/25 08:54*	*05/28/25 22:10*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0077	U	0.0077	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
4,4'-DDE	0.0077	U	0.0077	0.00090	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
4,4'-DDT	0.0077	U	0.0077	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Aldrin	0.0077	U	0.0077	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
alpha-BHC	0.0023	U	0.0023	0.00078	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
beta-BHC	0.0023	U	0.0023	0.00086	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Chlordane (technical)	0.077	U	0.077	0.019	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
cis-Chlordane	0.0077	U	0.0077	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Endosulfan I	0.0077	U	0.0077	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Endosulfan II	0.0077	U	0.0077	0.0020	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Endosulfan sulfate	0.0077	U	0.0077	0.00096	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Endrin	0.0077	U	0.0077	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Endrin aldehyde	0.0077	U	0.0077	0.0018	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Endrin ketone	0.0077	U	0.0077	0.0015	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00071	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Heptachlor	0.0077	U	0.0077	0.00090	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Heptachlor epoxide	0.0077	U	0.0077	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Methoxychlor	0.0077	U	0.0077	0.0018	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Toxaphene	0.077	U	0.077	0.028	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
trans-Chlordane	0.0077	U	0.0077	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*		*17 - 150*	*05/28/25 10:52*	*05/29/25 08:39*	*1*
DCB Decachlorobiphenyl	*52*		*17 - 150*	*05/28/25 10:52*	*05/29/25 08:39*	*1*
Tetrachloro-m-xylene	*75*		*21 - 150*	*05/28/25 10:52*	*05/29/25 08:39*	*1*
Tetrachloro-m-xylene	*96*		*21 - 150*	*05/28/25 10:52*	*05/29/25 08:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor 1221	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor 1232	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor 1242	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor 1248	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor 1254	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor 1260	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor 1268	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor-1262	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Polychlorinated biphenyls, Total	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1

Client Sample ID: B4_15-20_20250522
Date Collected: 05/22/25 14:00
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-4
Matrix: Solid
Percent Solids: 87.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		20 - 150	05/28/25 10:47	05/29/25 06:34	1
DCB Decachlorobiphenyl	93		20 - 150	05/28/25 10:47	05/29/25 06:34	1
Tetrachloro-m-xylene	96		20 - 150	05/28/25 10:47	05/29/25 06:34	1
Tetrachloro-m-xylene	109		20 - 150	05/28/25 10:47	05/29/25 06:34	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.038	U	0.038	0.0081	mg/Kg	☼	05/28/25 06:24	05/28/25 17:54	1
2,4-D	0.038	U	0.038	0.014	mg/Kg	☼	05/28/25 06:24	05/28/25 17:54	1
Silvex (2,4,5-TP)	0.038	U	0.038	0.0040	mg/Kg	☼	05/28/25 06:24	05/28/25 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	760	*	41 - 150	05/28/25 06:24	05/28/25 17:54	1
2,4-Dichlorophenylacetic acid	304	*	41 - 150	05/28/25 06:24	05/28/25 17:54	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**23**		16	16	mg/Kg	☼	05/28/25 09:28	05/28/25 22:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	84		40 - 140	05/28/25 09:28	05/28/25 22:18	1
1-Chlorooctadecane	99		40 - 140	05/28/25 09:28	05/28/25 22:18	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4160**		20.0	5.5	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Antimony	1.0	U	1.0	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Arsenic	**1.3**		1.0	0.10	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Barium	**20.5**		2.0	0.14	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Beryllium	**1.6**		0.40	0.022	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Boron	**2.1**	**J**	39.9	2.1	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Cadmium	1.0	U	1.0	0.11	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Calcium	**5150**		99.9	9.7	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Chromium	**33.8**		2.0	0.30	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Cobalt	**7.4**		2.0	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Copper	**16.3**		2.0	0.37	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Iron	**27800**		59.9	7.6	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Lead	**26.7**		0.60	0.20	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Magnesium	**3000**		99.9	10.2	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Manganese	**255**		4.0	0.40	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Nickel	**22.4**		2.0	0.18	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Potassium	**508**		99.9	16.2	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Selenium	1.2	U	1.2	0.13	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Silver	0.40	U	0.40	0.089	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Sodium	**120**		99.9	45.6	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Thallium	**0.072**	**J**	0.40	0.041	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Tin	**2.6**	**J**	8.0	1.2	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Vanadium	**23.7**		2.0	0.21	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Zinc	**89.9**		8.0	1.1	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1

Client Sample ID: B4_15-20_20250522
Lab Sample ID: 460-326806-4

Date Collected: 05/22/25 14:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 87.1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		05/29/25 12:46	05/29/25 17:47	10
Barium	**550**		40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:47	10
Cadmium	9.2	U	9.2	2.9	ug/L		05/29/25 12:46	05/29/25 17:47	10
Chromium	40.0	U	40.0	12.2	ug/L		05/29/25 12:46	05/29/25 17:47	10
Copper	40.0	U	40.0	24.5	ug/L		05/29/25 12:46	05/29/25 17:47	10
Lead	**14.4**		12.0	8.4	ug/L		05/29/25 12:46	05/29/25 17:47	10
Nickel	**38.1**	**J**	40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:47	10
Selenium	25.0	U	25.0	5.9	ug/L		05/29/25 12:46	05/29/25 17:47	10
Silver	20.0	U	20.0	2.9	ug/L		05/29/25 12:46	05/29/25 17:47	10
Zinc	160	U	160	65.2	ug/L		05/29/25 12:46	05/29/25 17:47	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.15**	**J**	0.20	0.091	ug/L		05/30/25 10:12	05/30/25 16:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	U	0.019	0.0090	mg/Kg	☼	05/29/25 00:54	05/29/25 04:53	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**8.3**	**HF**			SU			05/29/25 14:01	1
Temperature (SW846 9045D)	**21.6**	**HF**			Degrees C			05/29/25 14:01	1
Corrosivity (SW846 9045D)	**8.3**	**HF**			SU			05/29/25 14:01	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.3	U	2.3	0.95	mg/Kg	☼	05/30/25 09:00	05/30/25 14:30	1
Cyanide, Total (SW846 9012B)	0.23	U	0.23	0.13	mg/Kg	☼	05/30/25 20:58	06/01/25 21:00	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/28/25 14:53	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Percent Moisture (EPA Moisture)	**12.9**		1.0	1.0	%			05/27/25 18:14	1
Percent Solids (EPA Moisture)	**87.1**		1.0	1.0	%			05/27/25 18:14	1

Client Sample ID: B1-B2_20-25_20250522
Lab Sample ID: 460-326806-5

Date Collected: 05/22/25 13:30
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 75.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.44	U	0.44	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
1,2,4,5-Tetrachlorobenzene	0.44	U	0.44	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
1,2-Diphenylhydrazine	0.44	U	0.44	0.017	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
1,4-Dioxane	0.044	U	0.044	0.038	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,2'-oxybis[1-chloropropane]	0.44	U	0.44	0.026	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,3,4,6-Tetrachlorophenol	0.44	U	0.44	0.030	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,4,5-Trichlorophenol	0.44	U	0.44	0.045	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,4,6-Trichlorophenol	0.18	U	0.18	0.056	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,4-Dichlorophenol	0.18	U	0.18	0.028	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,4-Dimethylphenol	0.44	U	0.44	0.052	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B1-B2_20-25_20250522
Lab Sample ID: 460-326806-5
Date Collected: 05/22/25 13:30
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 75.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	0.35	U	0.35	0.22	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,4-Dinitrotoluene	0.089	U	0.089	0.047	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,6-Dinitrotoluene	0.089	U	0.089	0.032	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2-Chloronaphthalene	0.44	U	0.44	0.056	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2-Chlorophenol	0.44	U	0.44	0.016	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2-Methylnaphthalene	**0.21**	**J ***	0.44	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2-Methylphenol	0.44	U	0.44	0.016	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2-Nitroaniline	0.44	U	0.44	0.033	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2-Nitrophenol	0.44	U	0.44	0.044	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
3,3'-Dichlorobenzidine	0.18	U	0.18	0.066	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
3-Nitroaniline	0.44	U	0.44	0.10	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4,6-Dinitro-2-methylphenol	0.35	U	0.35	0.18	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4-Bromophenyl phenyl ether	0.44	U	0.44	0.017	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4-Chloro-3-methylphenol	0.44	U	0.44	0.025	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4-Chloroaniline	0.44	U	0.44	0.078	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4-Chlorophenyl phenyl ether	0.44	U	0.44	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4-Methylphenol	0.44	U	0.44	0.027	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4-Nitroaniline	0.44	U	0.44	0.11	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4-Nitrophenol	0.89	U	0.89	0.072	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Acenaphthene	0.44	U	0.44	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Acenaphthylene	0.44	U	0.44	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Acetophenone	0.44	U	0.44	0.022	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Anthracene	0.44	U	0.44	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Atrazine	0.18	U *	0.18	0.026	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Benzaldehyde	0.44	U *	0.44	0.073	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Benzidine	0.44	U	0.44	0.092	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Benzo[a]anthracene	0.044	U	0.044	0.033	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Benzo[a]pyrene	0.044	U	0.044	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Benzo[b]fluoranthene	0.044	U	0.044	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Benzo[g,h,i]perylene	0.44	U	0.44	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Benzo[k]fluoranthene	0.044	U	0.044	0.0086	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Bis(2-chloroethoxy)methane	0.44	U	0.44	0.081	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Bis(2-chloroethyl)ether	0.044	U	0.044	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Bis(2-ethylhexyl) phthalate	0.44	U	0.44	0.023	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Butyl benzyl phthalate	0.44	U	0.44	0.021	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Caprolactam	0.44	U *	0.44	0.068	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Carbazole	0.44	U	0.44	0.017	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Chrysene	0.44	U	0.44	0.018	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Dibenz(a,h)anthracene	0.044	U	0.044	0.019	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Dibenzofuran	0.44	U	0.44	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Diethyl phthalate	0.44	U	0.44	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Dimethyl phthalate	0.44	U	0.44	0.10	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Di-n-butyl phthalate	0.44	U	0.44	0.017	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Di-n-octyl phthalate	0.44	U	0.44	0.023	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Fluoranthene	0.44	U	0.44	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Fluorene	0.44	U	0.44	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Hexachlorobenzene	0.044	U	0.044	0.021	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Hexachlorobutadiene	0.089	U	0.089	0.0093	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Hexachlorocyclopentadiene	0.44	U	0.44	0.039	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1

Client Sample ID: B1-B2_20-25_20250522
Lab Sample ID: 460-326806-5
Date Collected: 05/22/25 13:30
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 75.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.044	U	0.044	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Indeno[1,2,3-cd]pyrene	0.044	U	0.044	0.017	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Isophorone	0.18	U	0.18	0.13	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Naphthalene	**0.27**	**J**	0.44	0.0076	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Nitrobenzene	0.044	U	0.044	0.024	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
N-Nitrosodi-n-propylamine	0.044	U	0.044	0.032	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
N-Nitrosodiphenylamine	0.44	U	0.44	0.036	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Pentachlorophenol	0.35	U	0.35	0.090	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Phenanthrene	0.44	U	0.44	0.018	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Phenol	0.44	U	0.44	0.016	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Pyrene	0.44	U	0.44	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Pyridine	0.44	U	0.44	0.063	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, propyl-	*0.66*	*J N*	*mg/Kg*	☼	*3.58*	*103-65-1*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Unknown	*0.84*	*J*	*mg/Kg*	☼	*3.61*	*N/A*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Benzene, 1-ethyl-2-methyl-	*0.61*	*J N*	*mg/Kg*	☼	*3.67*	*611-14-3*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Benzene, 1,2,3-trimethyl-	*2.0*	*J N*	*mg/Kg*	☼	*3.93*	*526-73-8*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Unknown	*0.41*	*J*	*mg/Kg*	☼	*4.15*	*N/A*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Benzene, 1,3-diethyl-	*0.48*	*J N*	*mg/Kg*	☼	*4.33*	*141-93-5*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Benzene, 1-ethyl-2,3-dimethyl-	*0.97*	*J N*	*mg/Kg*	☼	*4.40*	*933-98-2*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Benzene, 2-ethyl-1,4-dimethyl-	*0.48*	*J N*	*mg/Kg*	☼	*4.55*	*1758-88-9*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Benzene, 1,2,3,4-tetramethyl-	*0.43*	*J N*	*mg/Kg*	☼	*4.84*	*488-23-3*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Unknown	*0.39*	*J*	*mg/Kg*	☼	*4.87*	*N/A*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Cyclic octaatomic sulfur	*1.3*	*J N*	*mg/Kg*	☼	*9.64*	*10544-50-0*	*05/28/25 08:54*	*05/28/25 21:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*18 - 137*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
2-Fluorobiphenyl	*56*		*33 - 117*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
2-Fluorophenol (Surr)	*58*		*24 - 120*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Terphenyl-d14 (Surr)	*58*		*33 - 124*	*05/28/25 08:54*	*05/28/25 21:48*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0089	U	0.0089	0.0015	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
4,4'-DDE	0.0089	U	0.0089	0.0010	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
4,4'-DDT	0.0089	U	0.0089	0.0016	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Aldrin	0.0089	U	0.0089	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
alpha-BHC	0.0027	U	0.0027	0.00090	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
beta-BHC	0.0027	U	0.0027	0.0010	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Chlordane (technical)	0.089	U	0.089	0.022	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
cis-Chlordane	0.0089	U	0.0089	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
delta-BHC	0.0027	U	0.0027	0.00054	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Dieldrin	0.0027	U	0.0027	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Endosulfan I	0.0089	U	0.0089	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Endosulfan II	0.0089	U	0.0089	0.0023	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Endosulfan sulfate	0.0089	U	0.0089	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Endrin	0.0089	U	0.0089	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1

Client Sample ID: B1-B2_20-25_20250522
Lab Sample ID: 460-326806-5

Date Collected: 05/22/25 13:30
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 75.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0089	U	0.0089	0.0021	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Endrin ketone	0.0089	U	0.0089	0.0017	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
gamma-BHC (Lindane)	0.0027	U	0.0027	0.00082	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Heptachlor	0.0089	U	0.0089	0.0010	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Heptachlor epoxide	0.0089	U	0.0089	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Methoxychlor	0.0089	U	0.0089	0.0020	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Toxaphene	0.089	U	0.089	0.032	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
trans-Chlordane	0.0089	U	0.0089	0.0016	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*17 - 150*	*05/28/25 10:52*	*05/29/25 08:52*	*1*
DCB Decachlorobiphenyl	*69*		*17 - 150*	*05/28/25 10:52*	*05/29/25 08:52*	*1*
Tetrachloro-m-xylene	*98*		*21 - 150*	*05/28/25 10:52*	*05/29/25 08:52*	*1*
Tetrachloro-m-xylene	*78*		*21 - 150*	*05/28/25 10:52*	*05/29/25 08:52*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor 1221	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor 1232	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor 1242	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor 1248	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor 1254	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor 1260	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor 1268	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor-1262	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Polychlorinated biphenyls, Total	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*114*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:51*	*1*
DCB Decachlorobiphenyl	*117*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:51*	*1*
Tetrachloro-m-xylene	*122*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:51*	*1*
Tetrachloro-m-xylene	*134*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:51*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.044	U	0.044	0.0094	mg/Kg	☼	05/28/25 06:24	05/28/25 18:13	1
2,4-D	0.044	U	0.044	0.016	mg/Kg	☼	05/28/25 06:24	05/28/25 18:13	1
Silvex (2,4,5-TP)	0.044	U	0.044	0.0046	mg/Kg	☼	05/28/25 06:24	05/28/25 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*3957*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 18:13*	*1*
2,4-Dichlorophenylacetic acid	*552*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 18:13*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**33**		19	19	mg/Kg	☼	05/28/25 09:28	05/28/25 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*73*		*40 - 140*	*05/28/25 09:28*	*05/28/25 22:32*	*1*
1-Chlorooctadecane	*85*		*40 - 140*	*05/28/25 09:28*	*05/28/25 22:32*	*1*

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B1-B2_20-25_20250522
Date Collected: 05/22/25 13:30
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-5
Matrix: Solid
Percent Solids: 75.2

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8210**		23.8	6.5	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Antimony	1.2	U	1.2	0.17	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Arsenic	**0.74**	**J**	1.2	0.12	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Barium	**47.9**		2.4	0.17	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Beryllium	**2.2**		0.48	0.026	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Boron	**3.3**	**J**	47.5	2.6	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Cadmium	1.2	U	1.2	0.13	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Calcium	**10200**		119	11.6	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Chromium	**36.6**		2.4	0.35	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Cobalt	**10.6**		2.4	0.18	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Copper	**26.5**		2.4	0.44	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Iron	**39600**		71.3	9.1	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Lead	**19.9**		0.71	0.24	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Magnesium	**6010**		119	12.1	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Manganese	**536**		4.8	0.48	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Nickel	**28.6**		2.4	0.21	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Potassium	**1470**		119	19.2	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Selenium	1.5	U	1.5	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Silver	0.48	U	0.48	0.11	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Sodium	**328**		119	54.3	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Thallium	**0.13**	**J**	0.48	0.049	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Tin	**3.0**	**J**	9.5	1.4	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Vanadium	**66.2**		2.4	0.24	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Zinc	**86.7**		9.5	1.3	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		05/29/25 12:46	05/29/25 17:50	10
Barium	**347**		40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:50	10
Cadmium	9.2	U	9.2	2.9	ug/L		05/29/25 12:46	05/29/25 17:50	10
Chromium	40.0	U	40.0	12.2	ug/L		05/29/25 12:46	05/29/25 17:50	10
Copper	40.0	U	40.0	24.5	ug/L		05/29/25 12:46	05/29/25 17:50	10
Lead	**11.0**	**J**	12.0	8.4	ug/L		05/29/25 12:46	05/29/25 17:50	10
Nickel	**55.2**		40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:50	10
Selenium	25.0	U	25.0	5.9	ug/L		05/29/25 12:46	05/29/25 17:50	10
Silver	20.0	U	20.0	2.9	ug/L		05/29/25 12:46	05/29/25 17:50	10
Zinc	160	U	160	65.2	ug/L		05/29/25 12:46	05/29/25 17:50	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		05/30/25 10:12	05/30/25 16:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022	U	0.022	0.010	mg/Kg	☼	05/29/25 00:54	05/29/25 05:04	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**8.4**	**HF**			SU			05/29/25 14:03	1
Temperature (SW846 9045D)	**21.7**	**HF**			Degrees C			05/29/25 14:03	1

Client Sample ID: B1-B2_20-25_20250522
Lab Sample ID: 460-326806-5
Date Collected: 05/22/25 13:30
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 75.2

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**8.4**	**HF**			SU			05/29/25 14:03	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.6	U	2.6	1.1	mg/Kg	☼	05/30/25 09:00	05/30/25 14:30	1
Cyanide, Total (SW846 9012B)	0.28	U	0.28	0.15	mg/Kg	☼	05/30/25 20:58	06/01/25 21:01	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/28/25 14:53	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Sulfide, Reactive (SW846 9034)	**20.8**		20.0	20.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Percent Moisture (EPA Moisture)	**24.8**		1.0	1.0	%			05/27/25 18:14	1
Percent Solids (EPA Moisture)	**75.2**		1.0	1.0	%			05/27/25 18:14	1

Client Sample ID: B4-1B_3-5_20250522
Lab Sample ID: 460-326806-6
Date Collected: 05/22/25 09:55
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 95.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	0.86	U	0.86	0.86	mg/Kg	☼	05/27/25 13:20	05/28/25 23:11	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*76*		*75 - 150*	*05/27/25 13:20*	*05/28/25 23:11*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**200**		46	2.9	mg/Kg	☼	05/28/25 18:27	05/30/25 12:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*75*		*10 - 150*	*05/28/25 18:27*	*05/30/25 12:48*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.6**		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	**95.4**		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: B4-1B_8-10_20250522
Lab Sample ID: 460-326806-7
Date Collected: 05/22/25 10:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 97.6

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	0.97	U	0.97	0.97	mg/Kg	☼	05/27/25 13:20	05/28/25 23:37	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*103*		*75 - 150*	*05/27/25 13:20*	*05/28/25 23:37*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**21**		8.9	0.56	mg/Kg	☼	05/28/25 18:27	05/30/25 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*83*		*10 - 150*	*05/28/25 18:27*	*05/30/25 13:15*	*1*

Client Sample ID: B4-1B_8-10_20250522
Lab Sample ID: 460-326806-7
Date Collected: 05/22/25 10:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 97.6

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.4		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	97.6		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: B4-4_13-15_20250522
Lab Sample ID: 460-326806-8
Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 95.6

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	54		8.5	8.5	mg/Kg	☼	05/27/25 13:20	05/29/25 16:56	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*121*		*75 - 150*	*05/27/25 13:20*	*05/29/25 16:56*	*500*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	520		91	5.7	mg/Kg	☼	05/28/25 18:27	05/30/25 14:30	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*77*		*10 - 150*	*05/28/25 18:27*	*05/30/25 14:30*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.4		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	95.6		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: B4-4_15-17_20250522
Lab Sample ID: 460-326806-9
Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 90.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	27		0.94	0.94	mg/Kg	☼	05/27/25 13:21	05/29/25 17:23	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*145*		*75 - 150*	*05/27/25 13:21*	*05/29/25 17:23*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	37		9.6	0.61	mg/Kg	☼	05/28/25 18:27	05/30/25 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*76*		*10 - 150*	*05/28/25 18:27*	*05/30/25 13:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.3		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	90.7		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: B1-4_20-22_20250522
Lab Sample ID: 460-326806-10
Date Collected: 05/22/25 13:35
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 91.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	48		5.4	5.4	mg/Kg	☼	05/27/25 13:21	05/29/25 16:30	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*138*		*75 - 150*	*05/27/25 13:21*	*05/29/25 16:30*	*200*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	26		9.5	0.60	mg/Kg	☼	05/28/25 18:27	05/30/25 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*84*		*10 - 150*	*05/28/25 18:27*	*05/30/25 14:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.6		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	91.4		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: A4_0-5_20250521
Lab Sample ID: 460-326877-1
Date Collected: 05/21/25 08:50
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,4-Dimethylphenol	0.35	U *	0.35	0.042	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2-Nitrophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.14	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1

Client Sample ID: A4_0-5_20250521
Lab Sample ID: 460-326877-1
Date Collected: 05/21/25 08:50
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Anthracene	**0.027**	**J**	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Benzidine	0.35	U	0.35	0.074	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Benzo[a]anthracene	**0.10**		0.035	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Benzo[a]pyrene	**0.10**		0.035	0.0095	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Benzo[b]fluoranthene	**0.13**		0.035	0.0092	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Benzo[g,h,i]perylene	**0.080**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Benzo[k]fluoranthene	**0.051**		0.035	0.0070	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.066	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Carbazole	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Chrysene	**0.11**	**J**	0.35	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Dibenz(a,h)anthracene	**0.018**	**J**	0.035	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Fluoranthene	**0.22**	**J**	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Indeno[1,2,3-cd]pyrene	**0.074**		0.035	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Naphthalene	**0.0097**	**J**	0.35	0.0061	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Phenanthrene	**0.16**	**J**	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Pyrene	**0.21**	**J**	0.35	0.0088	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Pyridine	0.35	U	0.35	0.051	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:31*	*05/30/25 12:29*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*18 - 137*	*05/29/25 20:31*	*05/30/25 12:29*	*1*
2-Fluorobiphenyl	*57*		*33 - 117*	*05/29/25 20:31*	*05/30/25 12:29*	*1*

Client Sample ID: A4_0-5_20250521
Lab Sample ID: 460-326877-1
Date Collected: 05/21/25 08:50
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*54*		*24 - 120*	*05/29/25 20:31*	*05/30/25 12:29*	*1*
Nitrobenzene-d5 (Surr)	*47*		*27 - 120*	*05/29/25 20:31*	*05/30/25 12:29*	*1*
Phenol-d5 (Surr)	*54*		*28 - 118*	*05/29/25 20:31*	*05/30/25 12:29*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*05/29/25 20:31*	*05/30/25 12:29*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Chlordane (technical)	0.072	U	0.072	0.018	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Methoxychlor	0.0072	U	0.0072	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
trans-Chlordane	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*31*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:49*	*1*
DCB Decachlorobiphenyl	*90*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:49*	*1*
Tetrachloro-m-xylene	*67*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:49*	*1*
Tetrachloro-m-xylene	*69*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:49*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1

Client Sample ID: A4_0-5_20250521
Lab Sample ID: 460-326877-1

Date Collected: 05/21/25 08:50
Matrix: Solid

Date Received: 05/21/25 17:00
Percent Solids: 92.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*127*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:44*	*1*
DCB Decachlorobiphenyl	*132*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:44*	*1*
Tetrachloro-m-xylene	*108*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:44*	*1*
Tetrachloro-m-xylene	*103*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:44*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0077	mg/Kg	☼	05/30/25 05:32	05/31/25 01:07	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 05:32	05/31/25 01:07	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0038	mg/Kg	☼	05/30/25 05:32	05/31/25 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*171*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 01:07*	*1*
2,4-Dichlorophenylacetic acid	*186*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 01:07*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**170**		15	15	mg/Kg	☼	05/30/25 09:58	05/30/25 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*83*		*40 - 140*	*05/30/25 09:58*	*05/30/25 22:52*	*1*
1-Chlorooctadecane	*85*		*40 - 140*	*05/30/25 09:58*	*05/30/25 22:52*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8770**		17.1	4.7	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Antimony	**1.3**		0.85	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Arsenic	**4.7**		0.85	0.088	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Barium	**269**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Beryllium	**0.39**		0.34	0.019	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Boron	**4.8**	**J**	34.2	1.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Cadmium	**0.69**	**J**	0.85	0.097	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Calcium	**39900**		85.4	8.3	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Chromium	**20.1**		1.7	0.25	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Cobalt	**5.4**		1.7	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Copper	**32.1**		1.7	0.31	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Iron	**14200**		51.2	6.5	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Lead	**434**		0.51	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Magnesium	**10500**		85.4	8.7	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Manganese	**268**		3.4	0.34	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Nickel	**15.2**		1.7	0.15	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Potassium	**1590**		85.4	13.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Selenium	**0.20**	**J**	1.1	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Silver	**0.13**	**J**	0.34	0.076	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Sodium	**487**		85.4	39.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Thallium	**0.13**	**J**	0.34	0.035	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Tin	**18.1**		6.8	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Vanadium	**24.6**		1.7	0.18	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Zinc	**260**	**B**	6.8	0.93	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1

Client Sample ID: A4_0-5_20250521
Lab Sample ID: 460-326877-1

Date Collected: 05/21/25 08:50
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.2

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 17:49	10
Barium	**635**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:49	10
Cadmium	**5.3**	**J**	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:49	10
Chromium	**15.0**	**J**	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:49	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:49	10
Lead	**908**		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:49	10
Nickel	**16.1**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:49	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:49	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:49	10
Zinc	**292**		160	65.2	ug/L		06/02/25 12:34	06/02/25 17:49	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:46	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.24**		0.018	0.0083	mg/Kg	☼	05/30/25 00:43	05/30/25 04:28	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.7**	**HF**			SU			05/30/25 14:40	1
Temperature (SW846 9045D)	**21.6**	**HF**			Degrees C			05/30/25 14:40	1
Corrosivity (SW846 9045D)	**10.7**	**HF**			SU			05/30/25 14:40	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.92	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	**0.14**	**J**	0.24	0.13	mg/Kg	☼	05/30/25 20:54	06/01/25 20:22	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			05/30/25 08:30	1
Percent Solids (EPA Moisture)	**92.2**		1.0	1.0	%			05/30/25 08:30	1

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2

Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 87.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
1,2-Diphenylhydrazine	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
1,4-Dioxane	0.037	U	0.037	0.033	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,4-Dimethylphenol	0.37	U *	0.37	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2
Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 87.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,4-Dinitrotoluene	0.076	U	0.076	0.040	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,6-Dinitrotoluene	0.076	U	0.076	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2-Nitroaniline	0.37	U	0.37	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2-Nitrophenol	0.37	U	0.37	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
3-Nitroaniline	0.37	U	0.37	0.089	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4-Chloroaniline	0.37	U	0.37	0.067	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4-Nitroaniline	0.37	U	0.37	0.095	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4-Nitrophenol	0.76	U	0.76	0.061	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Benzaldehyde	0.37	U	0.37	0.062	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Benzidine	0.37	U	0.37	0.079	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Benzo[a]anthracene	**0.028**	**J**	0.037	0.028	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Benzo[a]pyrene	**0.024**	**J**	0.037	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Benzo[b]fluoranthene	**0.027**	**J**	0.037	0.0097	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Benzo[g,h,i]perylene	**0.016**	**J**	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Benzo[k]fluoranthene	**0.012**	**J**	0.037	0.0074	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.069	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Butyl benzyl phthalate	0.37	U	0.37	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Chrysene	**0.025**	**J**	0.37	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Dibenzofuran	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Dimethyl phthalate	0.37	U	0.37	0.085	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Fluoranthene	**0.054**	**J**	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Hexachlorobutadiene	0.076	U	0.076	0.0080	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2
Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 87.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Indeno[1,2,3-cd]pyrene	**0.015**	**J**	0.037	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Naphthalene	0.37	U	0.37	0.0065	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Pentachlorophenol	0.30	U	0.30	0.077	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Phenanthrene	**0.037**	**J**	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Pyrene	**0.047**	**J**	0.37	0.0093	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Pyridine	0.37	U	0.37	0.054	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:31*	*05/30/25 12:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*18 - 137*	*05/29/25 20:31*	*05/30/25 12:48*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*05/29/25 20:31*	*05/30/25 12:48*	*1*
2-Fluorophenol (Surr)	*58*		*24 - 120*	*05/29/25 20:31*	*05/30/25 12:48*	*1*
Nitrobenzene-d5 (Surr)	*51*		*27 - 120*	*05/29/25 20:31*	*05/30/25 12:48*	*1*
Phenol-d5 (Surr)	*56*		*28 - 118*	*05/29/25 20:31*	*05/30/25 12:48*	*1*
Terphenyl-d14 (Surr)	*65*		*33 - 124*	*05/29/25 20:31*	*05/30/25 12:48*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0077	U	0.0077	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
4,4'-DDE	0.0077	U	0.0077	0.00091	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
4,4'-DDT	0.0077	U	0.0077	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Aldrin	0.0077	U	0.0077	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
alpha-BHC	0.0023	U	0.0023	0.00078	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
beta-BHC	0.0023	U	0.0023	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Chlordane (technical)	0.077	U	0.077	0.019	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
cis-Chlordane	0.0077	U	0.0077	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Endosulfan I	0.0077	U	0.0077	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Endosulfan II	0.0077	U	0.0077	0.0020	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Endosulfan sulfate	0.0077	U	0.0077	0.00097	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Endrin	0.0077	U	0.0077	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Endrin aldehyde	0.0077	U	0.0077	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Endrin ketone	0.0077	U	0.0077	0.0015	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00071	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Heptachlor	0.0077	U	0.0077	0.00091	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Heptachlor epoxide	0.0077	U	0.0077	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Methoxychlor	0.0077	U	0.0077	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Toxaphene	0.077	U	0.077	0.028	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
trans-Chlordane	0.0077	U	0.0077	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1

Client Sample ID: A4_5-10_20250521
Date Collected: 05/21/25 08:55
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-2
Matrix: Solid
Percent Solids: 87.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:02*	*1*
DCB Decachlorobiphenyl	*83*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:02*	*1*
Tetrachloro-m-xylene	*88*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:02*	*1*
Tetrachloro-m-xylene	*90*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:02*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor 1221	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor 1232	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor 1242	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor 1248	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor 1254	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor 1260	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor 1268	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor-1262	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Polychlorinated biphenyls, Total	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:00*	*1*
DCB Decachlorobiphenyl	*106*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:00*	*1*
Tetrachloro-m-xylene	*119*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:00*	*1*
Tetrachloro-m-xylene	*114*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:00*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.038	U	0.038	0.0081	mg/Kg	☼	05/30/25 05:32	05/31/25 01:26	1
2,4-D	0.038	U	0.038	0.014	mg/Kg	☼	05/30/25 05:32	05/31/25 01:26	1
Silvex (2,4,5-TP)	0.038	U *	0.038	0.0040	mg/Kg	☼	05/30/25 05:32	05/31/25 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*177*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 01:26*	*1*
2,4-Dichlorophenylacetic acid	*179*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 01:26*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**280**		16	16	mg/Kg	☼	05/30/25 09:58	05/30/25 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*114*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:06*	*1*
1-Chlorooctadecane	*121*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:06*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12600**		17.7	4.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Antimony	**0.48**	**J**	0.88	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Arsenic	**3.4**		0.88	0.091	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Barium	**125**		1.8	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Beryllium	**0.46**		0.35	0.019	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Boron	**5.0**	**J**	35.3	1.9	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Cadmium	**0.20**	**J**	0.88	0.10	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Calcium	**47200**		88.3	8.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2
Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 87.1

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**27.6**		1.8	0.26	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Cobalt	**8.3**		1.8	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Copper	**18.5**		1.8	0.33	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Iron	**19800**		53.0	6.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Lead	**124**		0.53	0.18	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Magnesium	**10900**		88.3	9.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Manganese	**320**		3.5	0.36	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Nickel	**17.8**		1.8	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Potassium	**3000**		88.3	14.3	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Selenium	**0.19**	**J**	1.1	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Silver	0.35	U	0.35	0.079	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Sodium	**446**		88.3	40.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Thallium	**0.17**	**J**	0.35	0.036	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Tin	**3.9**	**J**	7.1	1.1	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Vanadium	**33.8**		1.8	0.18	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Zinc	**106**	**B**	7.1	0.96	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 17:52	10
Barium	**497**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:52	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:52	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:52	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:52	10
Lead	**13.5**		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:52	10
Nickel	40.0	U	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:52	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:52	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:52	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:52	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:48	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.12**		0.018	0.0086	mg/Kg	☼	05/30/25 00:43	05/30/25 04:29	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**11.3**	**HF**			SU			05/30/25 14:42	1
Temperature (SW846 9045D)	**21.5**	**HF**			Degrees C			05/30/25 14:42	1
Corrosivity (SW846 9045D)	**11.3**	**HF**			SU			05/30/25 14:42	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.3	U	2.3	0.96	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	0.26	U	0.26	0.14	mg/Kg	☼	05/30/25 20:54	06/01/25 20:28	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2
Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 87.1

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.9		1.0	1.0	%			05/30/25 08:30	1
Percent Solids (EPA Moisture)	87.1		1.0	1.0	%			05/30/25 08:30	1

Client Sample ID: A4-3_3-5_20250521
Lab Sample ID: 460-326877-3
Date Collected: 05/21/25 09:00
Matrix: Solid
Date Received: 05/21/25 17:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.0		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	93.0		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A4-3_3-5_20250521
Lab Sample ID: 460-326877-3
Date Collected: 05/21/25 09:00
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 93.0

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.2	U	1.2	1.2	mg/Kg	☼	05/30/25 10:05	06/02/25 14:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*105*		*75 - 150*	*05/30/25 10:05*	*06/02/25 14:12*	*50*

Client Sample ID: A4-3_8-10_20250521
Lab Sample ID: 460-326877-4
Date Collected: 05/21/25 09:05
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.5

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.2	U	1.2	1.2	mg/Kg	☼	05/30/25 10:05	05/30/25 16:38	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*126*		*75 - 150*	*05/30/25 10:05*	*05/30/25 16:38*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	31		9.3	0.59	mg/Kg	☼	05/30/25 08:37	05/30/25 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*91*		*10 - 150*	*05/30/25 08:37*	*05/30/25 21:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.5		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	92.5		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B3_0-5_20250521
Lab Sample ID: 460-326877-5
Date Collected: 05/21/25 15:30
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 91.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B3_0-5_20250521
Date Collected: 05/21/25 15:30
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-5
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Benzidine	0.36	U	0.36	0.076	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Benzo[a]pyrene	**0.011**	**J**	0.036	0.0096	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Benzo[b]fluoranthene	**0.014**	**J**	0.036	0.0093	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Benzo[g,h,i]perylene	**0.011**	**J**	0.36	0.011	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B3_0-5_20250521
Date Collected: 05/21/25 15:30
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-5
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Fluoranthene	**0.017**	**J**	0.36	0.013	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Pyrene	**0.016**	**J**	0.36	0.0090	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Pyridine	0.36	U	0.36	0.051	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/30/25 21:49*	*06/01/25 19:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*	*05/30/25 21:49*	*06/01/25 19:21*	*1*
2-Fluorobiphenyl	*73*		*33 - 117*	*05/30/25 21:49*	*06/01/25 19:21*	*1*
2-Fluorophenol (Surr)	*67*		*24 - 120*	*05/30/25 21:49*	*06/01/25 19:21*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*05/30/25 21:49*	*06/01/25 19:21*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*05/30/25 21:49*	*06/01/25 19:21*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*05/30/25 21:49*	*06/01/25 19:21*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Endrin	0.0073	U *	0.0073	0.0010	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1

Client Sample ID: B3_0-5_20250521
Lab Sample ID: 460-326877-5

Date Collected: 05/21/25 15:30
Matrix: Solid

Date Received: 05/21/25 17:00
Percent Solids: 91.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Heptachlor	0.0073	U *	0.0073	0.00086	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
trans-Chlordane	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*17 - 150*	*05/31/25 06:34*	*06/02/25 06:40*	*1*
DCB Decachlorobiphenyl	*83*		*17 - 150*	*05/31/25 06:34*	*06/02/25 06:40*	*1*
Tetrachloro-m-xylene	*69*		*21 - 150*	*05/31/25 06:34*	*06/02/25 06:40*	*1*
Tetrachloro-m-xylene	*72*		*21 - 150*	*05/31/25 06:34*	*06/02/25 06:40*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*20 - 150*	*05/31/25 06:37*	*06/02/25 13:33*	*1*
DCB Decachlorobiphenyl	*118*		*20 - 150*	*05/31/25 06:37*	*06/02/25 13:33*	*1*
Tetrachloro-m-xylene	*94*		*20 - 150*	*05/31/25 06:37*	*06/02/25 13:33*	*1*
Tetrachloro-m-xylene	*103*		*20 - 150*	*05/31/25 06:37*	*06/02/25 13:33*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U *	0.036	0.0077	mg/Kg	☼	05/31/25 04:52	05/31/25 23:14	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/31/25 04:52	05/31/25 23:14	1
Silvex (2,4,5-TP)	0.036	U	0.036	0.0038	mg/Kg	☼	05/31/25 04:52	05/31/25 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*125*		*41 - 150*	*05/31/25 04:52*	*05/31/25 23:14*	*1*
2,4-Dichlorophenylacetic acid	*125*		*41 - 150*	*05/31/25 04:52*	*05/31/25 23:14*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**83**		15	15	mg/Kg	☼	05/31/25 06:12	06/02/25 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*40 - 140*	*05/31/25 06:12*	*06/02/25 11:48*	*1*
1-Chlorooctadecane	*101*		*40 - 140*	*05/31/25 06:12*	*06/02/25 11:48*	*1*

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B3_0-5_20250521
Date Collected: 05/21/25 15:30
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-5
Matrix: Solid
Percent Solids: 91.8

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4510		16.9	4.6	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Antimony	0.84	U	0.84	0.12	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Arsenic	1.4		0.84	0.087	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Barium	34.7		1.7	0.12	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Beryllium	0.31	J	0.34	0.019	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Boron	3.8	J	33.8	1.8	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Cadmium	0.84	U	0.84	0.095	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Calcium	6010		84.4	8.2	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Chromium	13.9		1.7	0.25	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Cobalt	5.9		1.7	0.12	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Copper	12.8		1.7	0.31	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Iron	34400		50.7	6.5	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Lead	6.2		0.51	0.17	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Magnesium	3860		84.4	8.6	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Manganese	449		3.4	0.34	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Nickel	13.1		1.7	0.15	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Potassium	1360		84.4	13.7	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Selenium	0.19	J	1.1	0.11	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Silver	0.34	U	0.34	0.075	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Sodium	219		84.4	38.6	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Thallium	0.12	J	0.34	0.035	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Tin	6.8	U	6.8	1.0	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Vanadium	30.0		1.7	0.17	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Zinc	31.3		6.8	0.92	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/03/25 12:40	06/04/25 14:28	10
Barium	721		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:28	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:28	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:28	10
Copper	40.0	U	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:28	10
Lead	33.1		12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:28	10
Nickel	40.0	U	40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:28	10
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:28	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:28	10
Zinc	84.7	J	160	65.2	ug/L		06/03/25 12:40	06/04/25 14:28	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.18		0.018	0.0084	mg/Kg	☼	06/02/25 01:11	06/02/25 06:12	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	10.4	HF			SU			06/02/25 16:25	1
Temperature (SW846 9045D)	22.6	HF			Degrees C			06/02/25 16:25	1

Client Sample ID: B3_0-5_20250521
Lab Sample ID: 460-326877-5
Date Collected: 05/21/25 15:30
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 91.8

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**10.4**	**HF**			SU			06/02/25 16:25	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.91	mg/Kg	☼	06/03/25 12:00	06/03/25 16:30	1
Cyanide, Total (SW846 9012B)	**0.15**	**J**	0.26	0.14	mg/Kg	☼	05/30/25 20:58	06/01/25 21:09	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			06/03/25 15:06	1
Cyanide, Reactive (SW846 9014)	24.8	U	24.8	24.8	mg/Kg		06/02/25 09:30	06/02/25 14:15	1
Sulfide, Reactive (SW846 9034)	19.8	U	19.8	19.8	mg/Kg		06/02/25 09:30	06/02/25 14:15	1
Percent Moisture (EPA Moisture)	**8.2**		1.0	1.0	%			05/30/25 08:30	1
Percent Solids (EPA Moisture)	**91.8**		1.0	1.0	%			05/30/25 08:30	1

Client Sample ID: B3_10-15_20250521
Lab Sample ID: 460-326877-6
Date Collected: 05/21/25 15:35
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 88.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
1,2-Diphenylhydrazine	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,4-Dimethylphenol	0.37	U *	0.37	0.044	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2-Methylnaphthalene	**0.030**	**J**	0.37	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B3_10-15_20250521
Lab Sample ID: 460-326877-6
Date Collected: 05/21/25 15:35
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 88.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Benzidine	0.37	U	0.37	0.077	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0096	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Chrysene	0.37	U	0.37	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Naphthalene	**0.015**	**J**	0.37	0.0064	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Pyrene	0.37	U	0.37	0.0092	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Pyridine	0.37	U	0.37	0.053	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:31*	*05/30/25 13:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*05/29/25 20:31*	*05/30/25 13:27*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*05/29/25 20:31*	*05/30/25 13:27*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*05/29/25 20:31*	*05/30/25 13:27*	*1*
Nitrobenzene-d5 (Surr)	*54*		*27 - 120*	*05/29/25 20:31*	*05/30/25 13:27*	*1*
Phenol-d5 (Surr)	*59*		*28 - 118*	*05/29/25 20:31*	*05/30/25 13:27*	*1*
Terphenyl-d14 (Surr)	*65*		*33 - 124*	*05/29/25 20:31*	*05/30/25 13:27*	*1*

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B3_10-15_20250521
Lab Sample ID: 460-326877-6
Date Collected: 05/21/25 15:35
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 88.6

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
4,4'-DDE	0.0075	U	0.0075	0.00089	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Dieldrin	0.0022	U	0.0022	0.00098	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00070	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Heptachlor	0.0075	U	0.0075	0.00089	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
trans-Chlordane	0.0075	U	0.0075	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:15*	*1*
DCB Decachlorobiphenyl	*90*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:15*	*1*
Tetrachloro-m-xylene	*73*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:15*	*1*
Tetrachloro-m-xylene	*77*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:15*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:17*	*1*
DCB Decachlorobiphenyl	*125*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:17*	*1*
Tetrachloro-m-xylene	*109*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:17*	*1*
Tetrachloro-m-xylene	*108*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:17*	*1*

Client Sample ID: B3_10-15_20250521
Lab Sample ID: 460-326877-6

Date Collected: 05/21/25 15:35
Matrix: Solid

Date Received: 05/21/25 17:00
Percent Solids: 88.6

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.038	U	0.038	0.0080	mg/Kg	☼	05/30/25 05:32	05/31/25 01:45	1
2,4-D	0.038	U	0.038	0.014	mg/Kg	☼	05/30/25 05:32	05/31/25 01:45	1
Silvex (2,4,5-TP)	0.038	U *	0.038	0.0039	mg/Kg	☼	05/30/25 05:32	05/31/25 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*175*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 01:45*	*1*
2,4-Dichlorophenylacetic acid	*185*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 01:45*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**39**		16	16	mg/Kg	☼	05/30/25 09:58	05/30/25 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*86*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:21*	*1*
1-Chlorooctadecane	*88*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:21*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10100**		16.8	4.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Antimony	0.84	U	0.84	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Arsenic	**1.1**		0.84	0.087	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Barium	**47.9**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Beryllium	**0.56**		0.34	0.019	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Boron	**2.5**	**J**	33.7	1.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Cadmium	0.84	U	0.84	0.095	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Calcium	**19300**		84.2	8.2	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Chromium	**20.0**		1.7	0.25	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Cobalt	**7.5**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Copper	**14.8**		1.7	0.31	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Iron	**17600**		50.5	6.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Lead	**7.4**		0.51	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Magnesium	**7770**		84.2	8.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Manganese	**274**		3.4	0.34	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Nickel	**16.0**		1.7	0.15	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Potassium	**2450**		84.2	13.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Selenium	1.1	U	1.1	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Silver	0.34	U	0.34	0.075	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Sodium	**513**		84.2	38.5	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Thallium	**0.18**	**J**	0.34	0.035	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Tin	**1.2**	**J**	6.7	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Vanadium	**29.7**		1.7	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Zinc	**45.3**	**B**	6.7	0.92	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 17:07	10
Barium	**351**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:07	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:07	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:07	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:07	10
Lead	**8.5**	**J**	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:07	10

Client Sample ID: B3_10-15_20250521
Lab Sample ID: 460-326877-6
Date Collected: 05/21/25 15:35
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 88.6

Method: SW846 6020B - Metals (ICP/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**14.0**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:07	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:07	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:07	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:07	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 16:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018	U	0.018	0.0083	mg/Kg	☼	05/30/25 00:43	05/30/25 04:33	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10**	**HF**			SU			05/30/25 14:44	1
Temperature (SW846 9045D)	**21.3**	**HF**			Degrees C			05/30/25 14:44	1
Corrosivity (SW846 9045D)	**10**	**HF**			SU			05/30/25 14:44	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.93	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	0.26	U	0.26	0.14	mg/Kg	☼	05/30/25 20:54	06/01/25 20:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**11.4**		1.0	1.0	%			05/30/25 08:30	1
Percent Solids (EPA Moisture)	**88.6**		1.0	1.0	%			05/30/25 08:30	1

Client Sample ID: B3_15-20_20250521
Lab Sample ID: 460-326877-7
Date Collected: 05/21/25 15:40
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,4-Dimethylphenol	0.36	U *	0.36	0.043	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B3_15-20_20250521
Lab Sample ID: 460-326877-7
Date Collected: 05/21/25 15:40
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Benzidine	0.36	U	0.36	0.075	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Caprolactam	0.36	U	0.36	0.055	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Naphthalene	**0.013**	**J**	0.36	0.0062	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1

Client Sample ID: B3_15-20_20250521
Lab Sample ID: 460-326877-7
Date Collected: 05/21/25 15:40
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Pyridine	0.36	U	0.36	0.051	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.33*	*A J*	*mg/Kg*	☼	*1.54*	*N/A*	*05/29/25 20:31*	*05/30/25 13:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*05/29/25 20:31*	*05/30/25 13:47*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*05/29/25 20:31*	*05/30/25 13:47*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*05/29/25 20:31*	*05/30/25 13:47*	*1*
Nitrobenzene-d5 (Surr)	*54*		*27 - 120*	*05/29/25 20:31*	*05/30/25 13:47*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*05/29/25 20:31*	*05/30/25 13:47*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*05/29/25 20:31*	*05/30/25 13:47*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
trans-Chlordane	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:28*	*1*
DCB Decachlorobiphenyl	*105*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:28*	*1*
Tetrachloro-m-xylene	*87*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:28*	*1*
Tetrachloro-m-xylene	*91*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:28*	*1*

Client Sample ID: B3_15-20_20250521
Lab Sample ID: 460-326877-7

Date Collected: 05/21/25 15:40
Matrix: Solid

Date Received: 05/21/25 17:00
Percent Solids: 92.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*144*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:34*	*1*
DCB Decachlorobiphenyl	*145*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:34*	*1*
Tetrachloro-m-xylene	*135*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:34*	*1*
Tetrachloro-m-xylene	*134*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:34*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0076	mg/Kg	☼	05/30/25 05:32	05/31/25 02:04	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 05:32	05/31/25 02:04	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0037	mg/Kg	☼	05/30/25 05:32	05/31/25 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*153*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 02:04*	*1*
2,4-Dichlorophenylacetic acid	*153*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 02:04*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**15**		15	15	mg/Kg	☼	05/30/25 09:58	05/30/25 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*80*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:35*	*1*
1-Chlorooctadecane	*82*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:35*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7290**		16.0	4.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Antimony	0.80	U	0.80	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Arsenic	**0.55**	**J**	0.80	0.082	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Barium	**44.5**		1.6	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Beryllium	**0.76**		0.32	0.018	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Boron	**2.1**	**J**	32.0	1.7	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Cadmium	0.80	U	0.80	0.090	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Calcium	**27500**		80.1	7.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Chromium	**15.3**		1.6	0.24	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Cobalt	**6.7**		1.6	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Copper	**14.8**		1.6	0.29	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Iron	**16200**		48.0	6.1	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Lead	**10.8**		0.48	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Magnesium	**16900**		80.1	8.2	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1

Client Sample ID: B3_15-20_20250521
Lab Sample ID: 460-326877-7
Date Collected: 05/21/25 15:40
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.5

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**220**		3.2	0.32	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Nickel	**15.7**		1.6	0.14	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Potassium	**1530**		80.1	13.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Selenium	1.0	U	1.0	0.10	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Silver	0.32	U	0.32	0.071	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Sodium	**229**		80.1	36.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Thallium	**0.11**	**J**	0.32	0.033	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Tin	6.4	U	6.4	0.98	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Vanadium	**25.7**		1.6	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Zinc	**44.8**	**B**	6.4	0.87	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 17:54	10
Barium	**408**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:54	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:54	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:54	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:54	10
Lead	12.0	U	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:54	10
Nickel	**52.0**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:54	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:54	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:54	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:54	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 16:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.013**	**J**	0.018	0.0086	mg/Kg	☼	05/30/25 00:43	05/30/25 04:35	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.1**	**HF**			SU			05/30/25 14:50	1
Temperature (SW846 9045D)	**21.8**	**HF**			Degrees C			05/30/25 14:50	1
Corrosivity (SW846 9045D)	**10.1**	**HF**			SU			05/30/25 14:50	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.88	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	05/30/25 20:54	06/01/25 20:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**7.5**		1.0	1.0	%			05/30/25 08:30	1
Percent Solids (EPA Moisture)	**92.5**		1.0	1.0	%			05/30/25 08:30	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B3_5-10_20250521
Date Collected: 05/21/25 15:45
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-8
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
1,2-Diphenylhydrazine	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.037	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,4-Dimethylphenol	0.37	U *	0.37	0.044	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Acenaphthylene	0.37	U	0.37	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Benzidine	0.37	U	0.37	0.077	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1

Client Sample ID: B3_5-10_20250521
Lab Sample ID: 460-326877-8
Date Collected: 05/21/25 15:45
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 90.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Dimethyl phthalate	0.37	U	0.37	0.083	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Naphthalene	0.37	U	0.37	0.0063	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Phenol	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Pyrene	0.37	U	0.37	0.0091	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Pyridine	0.37	U	0.37	0.052	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:31*	*05/30/25 14:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*05/29/25 20:31*	*05/30/25 14:06*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*05/29/25 20:31*	*05/30/25 14:06*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*05/29/25 20:31*	*05/30/25 14:06*	*1*
Nitrobenzene-d5 (Surr)	*52*		*27 - 120*	*05/29/25 20:31*	*05/30/25 14:06*	*1*
Phenol-d5 (Surr)	*59*		*28 - 118*	*05/29/25 20:31*	*05/30/25 14:06*	*1*
Terphenyl-d14 (Surr)	*69*		*33 - 124*	*05/29/25 20:31*	*05/30/25 14:06*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
4,4'-DDE	0.0074	U	0.0074	0.00088	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1

Client Sample ID: B3_5-10_20250521
Lab Sample ID: 460-326877-8
Date Collected: 05/21/25 15:45
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 90.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0074	U	0.0074	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Heptachlor	0.0074	U	0.0074	0.00088	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
trans-Chlordane	0.0074	U	0.0074	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:41*	*1*
DCB Decachlorobiphenyl	*86*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:41*	*1*
Tetrachloro-m-xylene	*72*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:41*	*1*
Tetrachloro-m-xylene	*73*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:41*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*114*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:50*	*1*
DCB Decachlorobiphenyl	*110*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:50*	*1*
Tetrachloro-m-xylene	*102*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:50*	*1*
Tetrachloro-m-xylene	*96*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:50*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.037	U	0.037	0.0079	mg/Kg	☼	05/30/25 05:32	05/31/25 02:23	1
2,4-D	0.037	U	0.037	0.013	mg/Kg	☼	05/30/25 05:32	05/31/25 02:23	1
Silvex (2,4,5-TP)	0.037	U *	0.037	0.0039	mg/Kg	☼	05/30/25 05:32	05/31/25 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*140*		*41 - 150*	*05/30/25 05:32*	*05/31/25 02:23*	*1*
2,4-Dichlorophenylacetic acid	*149*		*41 - 150*	*05/30/25 05:32*	*05/31/25 02:23*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**24**		16	16	mg/Kg	☼	05/30/25 09:58	05/30/25 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*88*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:49*	*1*
1-Chlorooctadecane	*89*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:49*	*1*

Client Sample ID: B3_5-10_20250521

Date Collected: 05/21/25 15:45
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-8

Matrix: Solid
Percent Solids: 90.0

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11200**		16.8	4.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Antimony	**0.13**	**J**	0.84	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Arsenic	**1.8**		0.84	0.087	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Barium	**38.6**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Beryllium	**0.57**		0.34	0.019	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Boron	**3.0**	**J**	33.7	1.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Cadmium	**0.30**	**J**	0.84	0.095	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Calcium	**21700**		84.2	8.2	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Chromium	**18.1**		1.7	0.25	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Cobalt	**7.2**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Copper	**16.9**		1.7	0.31	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Iron	**17100**		50.5	6.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Lead	**18.3**		0.50	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Magnesium	**6340**		84.2	8.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Manganese	**317**		3.4	0.34	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Nickel	**16.1**		1.7	0.15	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Potassium	**1640**		84.2	13.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Selenium	1.1	U	1.1	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Silver	0.34	U	0.34	0.075	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Sodium	**547**		84.2	38.5	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Thallium	**0.16**	**J**	0.34	0.035	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Tin	6.7	U	6.7	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Vanadium	**24.5**		1.7	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Zinc	**51.8**	**B**	6.7	0.92	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 18:14	10
Barium	**390**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 18:14	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 18:14	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 18:14	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 18:14	10
Lead	**10.9**	**J**	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 18:14	10
Nickel	**9.6**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 18:14	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 18:14	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 18:14	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 18:14	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 16:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.048**		0.018	0.0086	mg/Kg	☼	05/30/25 00:43	05/30/25 04:40	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.8**	**HF**			SU			05/30/25 14:54	1
Temperature (SW846 9045D)	**21.3**	**HF**			Degrees C			05/30/25 14:54	1

Client Sample ID: B3_5-10_20250521
Lab Sample ID: 460-326877-8
Date Collected: 05/21/25 15:45
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 90.0

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**9.8**	**HF**			SU			05/30/25 14:54	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.94	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	0.23	U	0.23	0.13	mg/Kg	☼	05/30/25 20:54	06/01/25 20:31	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**10**		1.0	1.0	%			05/30/25 08:30	1
Percent Solids (EPA Moisture)	**90.0**		1.0	1.0	%			05/30/25 08:30	1

Client Sample ID: B3-4_3-5_20250521
Lab Sample ID: 460-326877-9
Date Collected: 05/21/25 10:00
Matrix: Solid
Date Received: 05/21/25 17:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.3**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**93.7**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B3-4_3-5_20250521
Lab Sample ID: 460-326877-9
Date Collected: 05/21/25 10:00
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 93.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	0.95	U	0.95	0.95	mg/Kg	☼	05/30/25 10:05	06/02/25 14:39	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*100*		*75 - 150*	*05/30/25 10:05*	*06/02/25 14:39*	*50*

Client Sample ID: B3-4_6-8_20250521
Lab Sample ID: 460-326877-10
Date Collected: 05/21/25 10:10
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 96.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.1	U	1.1	1.1	mg/Kg	☼	05/30/25 10:06	05/30/25 17:04	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*103*		*75 - 150*	*05/30/25 10:06*	*05/30/25 17:04*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	9.0	U	9.0	0.57	mg/Kg	☼	05/30/25 08:37	05/30/25 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*100*		*10 - 150*	*05/30/25 08:37*	*05/30/25 21:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.6**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B3-4_6-8_20250521
Lab Sample ID: 460-326877-10
Date Collected: 05/21/25 10:10
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 96.4

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	96.4		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B3-4_13-15_20250521
Lab Sample ID: 460-326877-11
Date Collected: 05/21/25 10:15
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 96.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	440		50	50	mg/Kg	☼	05/30/25 10:06	05/30/25 20:58	2500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*0*	*D*	*75 - 150*	*05/30/25 10:06*	*05/30/25 20:58*	*2500*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	30		9.0	0.57	mg/Kg	☼	05/30/25 08:37	05/30/25 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*95*		*10 - 150*	*05/30/25 08:37*	*05/30/25 22:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.6		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	96.4		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B3-4_16-18_20250521
Lab Sample ID: 460-326877-12
Date Collected: 05/21/25 10:20
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 93.6

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	370		46	46	mg/Kg	☼	05/30/25 10:06	05/30/25 21:24	2500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*0*	*D*	*75 - 150*	*05/30/25 10:06*	*05/30/25 21:24*	*2500*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	61		9.3	0.58	mg/Kg	☼	05/30/25 08:37	05/30/25 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*10 - 150*	*05/30/25 08:37*	*05/30/25 22:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.4		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	93.6		1.0	1.0	%			05/29/25 20:13	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A1_0-5_20250519
Date Collected: 05/19/25 11:30
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-1
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,4-Dimethylphenol	0.35	U *	0.35	0.042	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Acenaphthylene	**0.025**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Anthracene	**0.040**	**J**	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Benzidine	0.35	U	0.35	0.073	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Benzo[a]anthracene	**0.12**		0.035	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Benzo[a]pyrene	**0.12**		0.035	0.0093	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Benzo[b]fluoranthene	**0.14**		0.035	0.0090	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Benzo[g,h,i]perylene	**0.10**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Benzo[k]fluoranthene	**0.055**		0.035	0.0069	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Carbazole	**0.021**	**J**	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Chrysene	**0.11**	**J**	0.35	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Dibenz(a,h)anthracene	**0.019**	**J**	0.035	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A1_0-5_20250519
Lab Sample ID: 460-327048-1
Date Collected: 05/19/25 11:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**0.016**	**J**	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Fluoranthene	**0.26**	**J**	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Indeno[1,2,3-cd]pyrene	**0.086**		0.035	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Naphthalene	**0.0069**	**J**	0.35	0.0060	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Phenanthrene	**0.24**	**J**	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Pyrene	**0.20**	**J**	0.35	0.0087	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Pyridine	0.35	U	0.35	0.050	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.31*	*A J*	*mg/Kg*	☼	*1.54*	*N/A*	*05/29/25 20:31*	*05/30/25 12:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*05/29/25 20:31*	*05/30/25 12:09*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*05/29/25 20:31*	*05/30/25 12:09*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 120*	*05/29/25 20:31*	*05/30/25 12:09*	*1*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*	*05/29/25 20:31*	*05/30/25 12:09*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*05/29/25 20:31*	*05/30/25 12:09*	*1*
Terphenyl-d14 (Surr)	*68*		*33 - 124*	*05/29/25 20:31*	*05/30/25 12:09*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Endosulfan sulfate	0.0071	U	0.0071	0.00090	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1

Client Sample ID: A1_0-5_20250519
Lab Sample ID: 460-327048-1
Date Collected: 05/19/25 11:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
trans-Chlordane	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:08*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:08*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:08*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:08*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*147*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:07*	*1*
DCB Decachlorobiphenyl	*142*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:07*	*1*
Tetrachloro-m-xylene	*136*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:07*	*1*
Tetrachloro-m-xylene	*120*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:07*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U *	0.035	0.0075	mg/Kg	☼	05/30/25 06:13	05/31/25 09:21	1
2,4-D	0.035	U *	0.035	0.013	mg/Kg	☼	05/30/25 06:13	05/31/25 09:21	1
Silvex (2,4,5-TP)	0.035	U *	0.035	0.0037	mg/Kg	☼	05/30/25 06:13	05/31/25 09:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*154*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 09:21*	*1*
2,4-Dichlorophenylacetic acid	*150*		*38 - 150*	*05/30/25 06:13*	*05/31/25 09:21*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	15	U	15	15	mg/Kg	☼	05/29/25 18:38	05/30/25 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*109*		*40 - 140*	*05/29/25 18:38*	*05/30/25 11:14*	*1*
1-Chlorooctadecane	*104*		*40 - 140*	*05/29/25 18:38*	*05/30/25 11:14*	*1*

Client Sample ID: A1_0-5_20250519

Date Collected: 05/19/25 11:30
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-1

Matrix: Solid
Percent Solids: 93.8

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10200**		17.2	4.7	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Antimony	**0.49**	**J**	0.86	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Arsenic	**3.8**		0.86	0.089	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Barium	**113**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Beryllium	**0.52**		0.34	0.019	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Boron	**5.1**	**J**	34.4	1.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Cadmium	**0.32**	**J**	0.86	0.097	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Calcium	**55600**		86.0	8.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Chromium	**20.8**		1.7	0.26	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Cobalt	**6.7**		1.7	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Copper	**27.4**		1.7	0.32	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Iron	**16400**		51.6	6.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Lead	**143**		0.52	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Magnesium	**15100**		86.0	8.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Manganese	**300**		3.4	0.35	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Nickel	**15.5**		1.7	0.15	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Potassium	**2280**		86.0	13.9	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Selenium	**0.12**	**J**	1.1	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Silver	0.34	U	0.34	0.077	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Sodium	**576**		86.0	39.3	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Thallium	**0.16**	**J**	0.34	0.035	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Tin	**6.2**	**J**	6.9	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Vanadium	**30.2**		1.7	0.18	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Zinc	**146**	**B**	6.9	0.94	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/03/25 12:40	06/04/25 14:31	10
Barium	**650**		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:31	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:31	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:31	10
Copper	40.0	U	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:31	10
Lead	**41.2**		12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:31	10
Nickel	40.0	U	40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:31	10
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:31	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:31	10
Zinc	160	U	160	65.2	ug/L		06/03/25 12:40	06/04/25 14:31	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/04/25 10:18	06/04/25 14:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.15**		0.017	0.0079	mg/Kg	☼	05/30/25 01:23	05/30/25 05:06	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.6**	**HF**			SU			05/30/25 14:00	1
Temperature (SW846 9045D)	**21.9**	**HF**			Degrees C			05/30/25 14:00	1

Client Sample ID: A1_0-5_20250519
Lab Sample ID: 460-327048-1
Date Collected: 05/19/25 11:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**9.6**	**HF**			SU			05/30/25 14:00	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.90	mg/Kg	☼	05/31/25 13:00	06/02/25 14:05	1
Cyanide, Total (SW846 9012B)	0.24	U	0.24	0.13	mg/Kg	☼	05/30/25 19:45	06/01/25 19:27	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A1_5-10_20250519
Lab Sample ID: 460-327048-2
Date Collected: 05/19/25 11:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
1,2-Diphenylhydrazine	0.34	U	0.34	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,4-Dimethylphenol	0.34	U *	0.34	0.041	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2-Methylnaphthalene	0.34	U	0.34	0.0097	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4-Nitroaniline	0.34	U	0.34	0.088	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Acenaphthylene	0.34	U	0.34	0.0099	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A1_5-10_20250519
Date Collected: 05/19/25 11:45
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-2
Matrix: Solid
Percent Solids: 95.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.34	U	0.34	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Benzidine	0.34	U	0.34	0.072	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Benzo[a]pyrene	**0.015**	**J**	0.034	0.0092	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Benzo[b]fluoranthene	**0.022**	**J**	0.034	0.0089	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Benzo[g,h,i]perylene	**0.015**	**J**	0.34	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Benzo[k]fluoranthene	**0.0099**	**J**	0.034	0.0068	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Chrysene	0.34	U	0.34	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Dibenzofuran	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Fluoranthene	**0.019**	**J**	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Indeno[1,2,3-cd]pyrene	**0.013**	**J**	0.034	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Pyrene	**0.018**	**J**	0.34	0.0086	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Pyridine	0.34	U	0.34	0.049	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:31*	*05/30/25 10:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*05/29/25 20:31*	*05/30/25 10:13*	*1*
2-Fluorobiphenyl	*49*		*33 - 117*	*05/29/25 20:31*	*05/30/25 10:13*	*1*
2-Fluorophenol (Surr)	*44*		*24 - 120*	*05/29/25 20:31*	*05/30/25 10:13*	*1*
Nitrobenzene-d5 (Surr)	*39*		*27 - 120*	*05/29/25 20:31*	*05/30/25 10:13*	*1*
Phenol-d5 (Surr)	*45*		*28 - 118*	*05/29/25 20:31*	*05/30/25 10:13*	*1*
Terphenyl-d14 (Surr)	*62*		*33 - 124*	*05/29/25 20:31*	*05/30/25 10:13*	*1*

Client Sample ID: A1_5-10_20250519
Lab Sample ID: 460-327048-2

Date Collected: 05/19/25 11:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.4

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
trans-Chlordane	0.0070	U	0.0070	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:21*	*1*
DCB Decachlorobiphenyl	*86*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:21*	*1*
Tetrachloro-m-xylene	*70*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:21*	*1*
Tetrachloro-m-xylene	*74*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:21*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:24*	*1*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:24*	*1*
Tetrachloro-m-xylene	*94*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:24*	*1*
Tetrachloro-m-xylene	*87*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:24*	*1*

Client Sample ID: A1_5-10_20250519
Lab Sample ID: 460-327048-2

Date Collected: 05/19/25 11:45
Matrix: Solid

Date Received: 05/21/25 16:00
Percent Solids: 95.4

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U *	0.035	0.0074	mg/Kg	☼	05/30/25 06:13	05/31/25 09:40	1
2,4-D	0.035	U *	0.035	0.013	mg/Kg	☼	05/30/25 06:13	05/31/25 09:40	1
Silvex (2,4,5-TP)	0.035	U *	0.035	0.0036	mg/Kg	☼	05/30/25 06:13	05/31/25 09:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*199*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 09:40*	*1*
2,4-Dichlorophenylacetic acid	*151*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 09:40*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	15	U	15	15	mg/Kg	☼	05/29/25 18:38	05/30/25 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*113*		*40 - 140*	*05/29/25 18:38*	*05/30/25 11:28*	*1*
1-Chlorooctadecane	*108*		*40 - 140*	*05/29/25 18:38*	*05/30/25 11:28*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12200**		15.6	4.3	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Antimony	**0.56**	**J**	0.78	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Arsenic	**2.5**		0.78	0.081	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Barium	**58.4**		1.6	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Beryllium	**0.71**		0.31	0.017	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Boron	**4.6**	**J**	31.3	1.7	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Cadmium	**0.21**	**J**	0.78	0.088	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Calcium	**76700**		78.2	7.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Chromium	**21.1**		1.6	0.23	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Cobalt	**7.3**		1.6	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Copper	**20.3**		1.6	0.29	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Iron	**18800**		46.9	6.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Lead	**174**		0.47	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Magnesium	**8070**		78.2	8.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Manganese	**370**		3.1	0.32	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Nickel	**15.8**		1.6	0.14	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Potassium	**1790**		78.2	12.7	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Selenium	**0.11**	**J**	0.98	0.10	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Silver	0.31	U	0.31	0.070	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Sodium	**1150**		78.2	35.7	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Thallium	**0.14**	**J**	0.31	0.032	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Tin	**11.1**		6.3	0.95	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Vanadium	**27.7**		1.6	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Zinc	**125**	**B**	6.3	0.85	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/03/25 12:40	06/04/25 14:39	10
Barium	**686**		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:39	10
Cadmium	**3.2**	**J**	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:39	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:39	10
Copper	40.0	U	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:39	10
Lead	**53.5**		12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:39	10

Client Sample ID: A1_5-10_20250519
Lab Sample ID: 460-327048-2
Date Collected: 05/19/25 11:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.4

Method: SW846 6020B - Metals (ICP/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**10.2**	**J**	40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:39	10
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:39	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:39	10
Zinc	**309**		160	65.2	ug/L		06/03/25 12:40	06/04/25 14:39	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/04/25 10:18	06/04/25 14:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**		0.016	0.0075	mg/Kg	☼	05/30/25 01:23	05/30/25 05:07	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**11.0**	**HF**			SU			05/30/25 14:04	1
Temperature (SW846 9045D)	**21.6**	**HF**			Degrees C			05/30/25 14:04	1
Corrosivity (SW846 9045D)	**11.0**	**HF**			SU			05/30/25 14:04	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.89	mg/Kg	☼	05/31/25 13:00	06/02/25 14:05	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	05/30/25 19:45	06/01/25 19:28	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			05/30/25 12:53	1
Percent Moisture (EPA Moisture)	**4.6**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**95.4**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A1_10-15_20250519
Lab Sample ID: 460-327048-3
Date Collected: 05/19/25 12:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,4-Dimethylphenol	0.35	U *	0.35	0.042	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A1_10-15_20250519
Lab Sample ID: 460-327048-3
Date Collected: 05/19/25 12:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Benzidine	0.35	U	0.35	0.073	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1

Client Sample ID: A1_10-15_20250519
Lab Sample ID: 460-327048-3
Date Collected: 05/19/25 12:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Pyridine	0.35	U	0.35	0.050	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.48*	*A J*	*mg/Kg*	☼	*1.53*	*N/A*	*05/29/25 20:31*	*05/30/25 10:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*	*05/29/25 20:31*	*05/30/25 10:33*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*05/29/25 20:31*	*05/30/25 10:33*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*05/29/25 20:31*	*05/30/25 10:33*	*1*
Nitrobenzene-d5 (Surr)	*55*		*27 - 120*	*05/29/25 20:31*	*05/30/25 10:33*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*05/29/25 20:31*	*05/30/25 10:33*	*1*
Terphenyl-d14 (Surr)	*62*		*33 - 124*	*05/29/25 20:31*	*05/30/25 10:33*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
trans-Chlordane	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:34*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:34*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:34*	*1*
Tetrachloro-m-xylene	*96*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:34*	*1*

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A1_10-15_20250519
Lab Sample ID: 460-327048-3
Date Collected: 05/19/25 12:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*143*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:40*	*1*
DCB Decachlorobiphenyl	*139*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:40*	*1*
Tetrachloro-m-xylene	*130*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:40*	*1*
Tetrachloro-m-xylene	*121*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:40*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U *	0.036	0.0076	mg/Kg	☼	05/30/25 06:13	05/31/25 09:59	1
2,4-D	0.036	U *	0.036	0.013	mg/Kg	☼	05/30/25 06:13	05/31/25 09:59	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0037	mg/Kg	☼	05/30/25 06:13	05/31/25 09:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*162*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 09:59*	*1*
2,4-Dichlorophenylacetic acid	*151*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 09:59*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	15	U	15	15	mg/Kg	☼	05/29/25 18:38	05/30/25 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*110*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:10*	*1*
1-Chlorooctadecane	*106*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:10*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16900**		16.6	4.5	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Antimony	**0.15**	**J**	0.83	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Arsenic	**1.8**		0.83	0.085	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Barium	**47.5**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Beryllium	**1.1**		0.33	0.018	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Boron	**3.7**	**J**	33.1	1.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Cadmium	**0.12**	**J**	0.83	0.094	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Calcium	**25300**		82.8	8.1	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Chromium	**26.6**		1.7	0.25	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Cobalt	**9.0**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Copper	**20.1**		1.7	0.30	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Iron	**21400**		49.7	6.3	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Lead	**29.5**		0.50	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Magnesium	**8440**		82.8	8.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A1_10-15_20250519
Date Collected: 05/19/25 12:00
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-3
Matrix: Solid
Percent Solids: 93.7

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	457		3.3	0.33	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Nickel	20.0		1.7	0.15	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Potassium	1130		82.8	13.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Selenium	0.14	J	1.0	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Silver	0.33	U	0.33	0.074	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Sodium	947		82.8	37.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Thallium	0.18	J	0.33	0.034	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Tin	4.3	J	6.6	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Vanadium	31.5		1.7	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Zinc	67.8	B	6.6	0.90	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/03/25 12:40	06/04/25 14:42	10
Barium	543		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:42	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:42	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:42	10
Copper	40.0	U	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:42	10
Lead	12.0	U	12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:42	10
Nickel	9.1	J	40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:42	10
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:42	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:42	10
Zinc	160	U	160	65.2	ug/L		06/03/25 12:40	06/04/25 14:42	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/04/25 10:18	06/04/25 14:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.018	0.0085	mg/Kg	☼	05/30/25 01:23	05/30/25 05:09	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	10.7	HF			SU			05/30/25 14:06	1
Temperature (SW846 9045D)	21.8	HF			Degrees C			05/30/25 14:06	1
Corrosivity (SW846 9045D)	10.7	HF			SU			05/30/25 14:06	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.91	mg/Kg	☼	05/31/25 13:00	06/02/25 14:05	1
Cyanide, Total (SW846 9012B)	0.21	U	0.21	0.11	mg/Kg	☼	05/30/25 19:45	06/01/25 19:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	6.3		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	93.7		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A1_3-5_20250519
Lab Sample ID: 460-327048-4
Date Collected: 05/19/25 11:35
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A1_3-5_20250519
Lab Sample ID: 460-327048-4
Date Collected: 05/19/25 11:35
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 92.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.1	U	1.1	1.1	mg/Kg	☼	05/30/25 10:07	05/31/25 00:55	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*135*		*75 - 150*	*05/30/25 10:07*	*05/31/25 00:55*	*50*

Client Sample ID: A1_8-10_20250519
Lab Sample ID: 460-327048-5
Date Collected: 05/19/25 11:40
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A1_8-10_20250519
Lab Sample ID: 460-327048-5
Date Collected: 05/19/25 11:40
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 92.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.2	U	1.2	1.2	mg/Kg	☼	05/30/25 10:07	05/31/25 01:21	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*137*		*75 - 150*	*05/30/25 10:07*	*05/31/25 01:21*	*50*

Client Sample ID: A1_13-15_20250519
Lab Sample ID: 460-327048-6
Date Collected: 05/19/25 11:50
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.3		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	6.3		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	93.7		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	93.7		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A1_13-15_20250519
Lab Sample ID: 460-327048-6

Date Collected: 05/19/25 11:50
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.1	U	1.1	1.1	mg/Kg	☼	05/30/25 10:07	05/31/25 01:47	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*130*		*75 - 150*	*05/30/25 10:07*	*05/31/25 01:47*	*50*

Client Sample ID: B1_0-5_20250519
Lab Sample ID: 460-327048-7

Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 82.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.40	U	0.40	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
1,2,4,5-Tetrachlorobenzene	0.40	U	0.40	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
1,2-Diphenylhydrazine	0.40	U	0.40	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
1,4-Dioxane	0.040	U	0.040	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,2'-oxybis[1-chloropropane]	0.40	U	0.40	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,3,4,6-Tetrachlorophenol	0.40	U	0.40	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,4,5-Trichlorophenol	0.40	U	0.40	0.041	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.051	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,4-Dichlorophenol	0.16	U	0.16	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,4-Dimethylphenol	0.40	U *	0.40	0.048	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,4-Dinitrophenol	0.32	U	0.32	0.20	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,4-Dinitrotoluene	0.081	U	0.081	0.043	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,6-Dinitrotoluene	0.081	U	0.081	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2-Chloronaphthalene	0.40	U	0.40	0.051	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2-Chlorophenol	0.40	U	0.40	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2-Methylnaphthalene	0.40	U	0.40	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2-Methylphenol	0.40	U	0.40	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2-Nitroaniline	0.40	U	0.40	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2-Nitrophenol	0.40	U	0.40	0.040	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.060	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
3-Nitroaniline	0.40	U	0.40	0.095	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.16	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4-Bromophenyl phenyl ether	0.40	U	0.40	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4-Chloro-3-methylphenol	0.40	U	0.40	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4-Chloroaniline	0.40	U	0.40	0.071	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4-Chlorophenyl phenyl ether	0.40	U	0.40	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4-Methylphenol	0.40	U	0.40	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4-Nitroaniline	0.40	U	0.40	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4-Nitrophenol	0.81	U	0.81	0.065	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Acenaphthene	0.40	U	0.40	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Acenaphthylene	0.40	U	0.40	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Acetophenone	0.40	U	0.40	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Anthracene	0.40	U	0.40	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Atrazine	0.16	U	0.16	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Benzaldehyde	0.40	U	0.40	0.066	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Benzidine	0.40	U	0.40	0.084	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Benzo[a]anthracene	0.040	U	0.040	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Benzo[a]pyrene	**0.017**	**J**	0.040	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Benzo[b]fluoranthene	**0.022**	**J**	0.040	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1

Client Sample ID: B1_0-5_20250519
Lab Sample ID: 460-327048-7
Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 82.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	0.40	U	0.40	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Benzo[k]fluoranthene	0.040	U	0.040	0.0078	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Bis(2-chloroethoxy)methane	0.40	U	0.40	0.074	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Bis(2-chloroethyl)ether	0.040	U	0.040	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Bis(2-ethylhexyl) phthalate	0.40	U	0.40	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Butyl benzyl phthalate	0.40	U	0.40	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Caprolactam	0.40	U	0.40	0.062	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Carbazole	0.40	U	0.40	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Chrysene	**0.017**	**J**	0.40	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Dibenz(a,h)anthracene	0.040	U	0.040	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Dibenzofuran	0.40	U	0.40	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Diethyl phthalate	0.40	U	0.40	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Dimethyl phthalate	0.40	U	0.40	0.091	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Di-n-butyl phthalate	0.40	U	0.40	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Di-n-octyl phthalate	0.40	U	0.40	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Fluoranthene	**0.033**	**J**	0.40	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Fluorene	0.40	U	0.40	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Hexachlorobenzene	0.040	U	0.040	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Hexachlorobutadiene	0.081	U	0.081	0.0085	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Hexachlorocyclopentadiene	0.40	U	0.40	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Hexachloroethane	0.040	U	0.040	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Indeno[1,2,3-cd]pyrene	0.040	U	0.040	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Isophorone	0.16	U	0.16	0.12	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Naphthalene	0.40	U	0.40	0.0069	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Nitrobenzene	0.040	U	0.040	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
N-Nitrosodi-n-propylamine	0.040	U	0.040	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
N-Nitrosodiphenylamine	0.40	U	0.40	0.033	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Pentachlorophenol	0.32	U	0.32	0.082	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Phenanthrene	**0.022**	**J**	0.40	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Phenol	0.40	U	0.40	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Pyrene	**0.029**	**J**	0.40	0.0099	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Pyridine	0.40	U	0.40	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.35*	*A J*	*mg/Kg*	☼	*1.54*	*N/A*	*05/29/25 20:31*	*05/30/25 11:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*05/29/25 20:31*	*05/30/25 11:50*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*05/29/25 20:31*	*05/30/25 11:50*	*1*
2-Fluorophenol (Surr)	*59*		*24 - 120*	*05/29/25 20:31*	*05/30/25 11:50*	*1*
Nitrobenzene-d5 (Surr)	*50*		*27 - 120*	*05/29/25 20:31*	*05/30/25 11:50*	*1*
Phenol-d5 (Surr)	*58*		*28 - 118*	*05/29/25 20:31*	*05/30/25 11:50*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*05/29/25 20:31*	*05/30/25 11:50*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0081	U	0.0081	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
4,4'-DDE	0.0081	U	0.0081	0.00095	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
4,4'-DDT	0.0081	U	0.0081	0.0015	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Aldrin	0.0081	U	0.0081	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1

Client Sample ID: B1_0-5_20250519
Lab Sample ID: 460-327048-7
Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 82.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.0024	U	0.0024	0.00082	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
beta-BHC	0.0024	U	0.0024	0.00091	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Chlordane (technical)	0.081	U	0.081	0.020	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
cis-Chlordane	0.0081	U	0.0081	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
delta-BHC	0.0024	U	0.0024	0.00050	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Dieldrin	0.0024	U	0.0024	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Endosulfan I	0.0081	U	0.0081	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Endosulfan II	0.0081	U	0.0081	0.0021	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Endosulfan sulfate	0.0081	U	0.0081	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Endrin	0.0081	U	0.0081	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Endrin aldehyde	0.0081	U	0.0081	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Endrin ketone	0.0081	U	0.0081	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
gamma-BHC (Lindane)	0.0024	U	0.0024	0.00075	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Heptachlor	0.0081	U	0.0081	0.00095	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Heptachlor epoxide	0.0081	U	0.0081	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Methoxychlor	0.0081	U	0.0081	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Toxaphene	0.081	U	0.081	0.029	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
trans-Chlordane	0.0081	U	0.0081	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:47*	*1*
DCB Decachlorobiphenyl	*84*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:47*	*1*
Tetrachloro-m-xylene	*74*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:47*	*1*
Tetrachloro-m-xylene	*78*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:47*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor 1221	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor 1232	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor 1242	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor 1248	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor 1254	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor 1260	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor 1268	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor-1262	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Polychlorinated biphenyls, Total	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:57*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:57*	*1*
Tetrachloro-m-xylene	*106*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:57*	*1*
Tetrachloro-m-xylene	*98*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:57*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.040	U *	0.040	0.0086	mg/Kg	☼	05/30/25 06:13	05/31/25 10:18	1
2,4-D	0.040	U *	0.040	0.015	mg/Kg	☼	05/30/25 06:13	05/31/25 10:18	1
Silvex (2,4,5-TP)	0.040	U *	0.040	0.0042	mg/Kg	☼	05/30/25 06:13	05/31/25 10:18	1

Client Sample ID: B1_0-5_20250519
Lab Sample ID: 460-327048-7

Date Collected: 05/19/25 14:15
Matrix: Solid

Date Received: 05/21/25 16:00
Percent Solids: 82.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*173*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 10:18*	*1*
2,4-Dichlorophenylacetic acid	*145*		*38 - 150*	*05/30/25 06:13*	*05/31/25 10:18*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	17	U	17	17	mg/Kg	☼	05/29/25 18:38	05/30/25 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*108*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:24*	*1*
1-Chlorooctadecane	*105*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:24*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6880**		18.3	5.0	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Antimony	**0.17**	**J**	0.91	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Arsenic	**1.9**		0.91	0.094	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Barium	**62.3**		1.8	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Beryllium	**0.39**		0.37	0.020	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Boron	**2.9**	**J**	36.6	2.0	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Cadmium	**0.12**	**J**	0.91	0.10	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Calcium	**15300**		91.4	8.9	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Chromium	**19.9**		1.8	0.27	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Cobalt	**5.9**		1.8	0.14	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Copper	**17.5**		1.8	0.34	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Iron	**15000**		54.8	7.0	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Lead	**45.0**		0.55	0.18	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Magnesium	**5580**		91.4	9.3	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Manganese	**228**		3.7	0.37	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Nickel	**12.7**		1.8	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Potassium	**1450**		91.4	14.8	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Selenium	1.1	U	1.1	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Silver	0.37	U	0.37	0.081	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Sodium	**221**		91.4	41.8	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Thallium	**0.10**	**J**	0.37	0.037	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Tin	**1.3**	**J**	7.3	1.1	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Vanadium	**25.1**		1.8	0.19	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Zinc	**62.1**	**B**	7.3	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/03/25 12:40	06/04/25 14:45	10
Barium	**561**		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:45	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:45	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:45	10
Copper	**27.0**	**J**	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:45	10
Lead	**23.2**		12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:45	10
Nickel	**9.2**	**J**	40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:45	10
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:45	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:45	10
Zinc	**110**	**J**	160	65.2	ug/L		06/03/25 12:40	06/04/25 14:45	10

Client Sample ID: B1_0-5_20250519
Lab Sample ID: 460-327048-7

Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 82.3

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/04/25 10:18	06/04/25 15:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.039**		0.020	0.0096	mg/Kg	☼	05/30/25 01:23	05/30/25 05:11	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**11.1**	**HF**			SU			05/30/25 14:08	1
Temperature (SW846 9045D)	**22.3**	**HF**			Degrees C			05/30/25 14:08	1
Corrosivity (SW846 9045D)	**11.1**	**HF**			SU			05/30/25 14:08	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.4	U	2.4	1.0	mg/Kg	☼	05/31/25 13:00	06/02/25 14:05	1
Cyanide, Total (SW846 9012B)	0.24	U	0.24	0.13	mg/Kg	☼	05/30/25 19:45	06/01/25 19:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**17.7**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**82.3**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_5-10_20250519
Lab Sample ID: 460-327048-8

Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
1,2-Diphenylhydrazine	0.34	U	0.34	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,4-Dimethylphenol	0.34	U *	0.34	0.041	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2-Methylnaphthalene	0.34	U	0.34	0.0097	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1

Client Sample ID: B1_5-10_20250519
Lab Sample ID: 460-327048-8
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
4-Nitroaniline	0.34	U	0.34	0.088	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Acenaphthylene	0.34	U	0.34	0.0099	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Anthracene	0.34	U	0.34	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Benzidine	0.34	U	0.34	0.072	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0068	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Chrysene	0.34	U	0.34	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Dibenzofuran	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Pyrene	0.34	U	0.34	0.0086	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Pyridine	0.34	U	0.34	0.049	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1

Client Sample ID: B1_5-10_20250519
Lab Sample ID: 460-327048-8

Date Collected: 05/19/25 14:30
Matrix: Solid

Date Received: 05/21/25 16:00
Percent Solids: 95.5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼		N/A	05/29/25 20:31	05/30/25 10:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		18 - 137	05/29/25 20:31	05/30/25 10:52	1
2-Fluorobiphenyl	62		33 - 117	05/29/25 20:31	05/30/25 10:52	1
2-Fluorophenol (Surr)	64		24 - 120	05/29/25 20:31	05/30/25 10:52	1
Nitrobenzene-d5 (Surr)	54		27 - 120	05/29/25 20:31	05/30/25 10:52	1
Phenol-d5 (Surr)	60		28 - 118	05/29/25 20:31	05/30/25 10:52	1
Terphenyl-d14 (Surr)	63		33 - 124	05/29/25 20:31	05/30/25 10:52	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
trans-Chlordane	0.0070	U	0.0070	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	116		10 - 150	05/30/25 10:27	05/31/25 12:00	1
DCB Decachlorobiphenyl	106		10 - 150	05/30/25 10:27	05/31/25 12:00	1
Tetrachloro-m-xylene	93		14 - 150	05/30/25 10:27	05/31/25 12:00	1
Tetrachloro-m-xylene	102		14 - 150	05/30/25 10:27	05/31/25 12:00	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1

Client Sample ID: B1_5-10_20250519
Lab Sample ID: 460-327048-8

Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*141*		*10 - 150*	*05/30/25 10:23*	*05/31/25 02:14*	*1*
DCB Decachlorobiphenyl	*141*		*10 - 150*	*05/30/25 10:23*	*05/31/25 02:14*	*1*
Tetrachloro-m-xylene	*143*		*10 - 150*	*05/30/25 10:23*	*05/31/25 02:14*	*1*
Tetrachloro-m-xylene	*136*		*10 - 150*	*05/30/25 10:23*	*05/31/25 02:14*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U *	0.035	0.0074	mg/Kg	☼	05/30/25 06:13	05/31/25 09:02	1
2,4-D	0.035	U *	0.035	0.013	mg/Kg	☼	05/30/25 06:13	05/31/25 09:02	1
Silvex (2,4,5-TP)	0.035	U *	0.035	0.0036	mg/Kg	☼	05/30/25 06:13	05/31/25 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*129*		*38 - 150*	*05/30/25 06:13*	*05/31/25 09:02*	*1*
2,4-Dichlorophenylacetic acid	*142*		*38 - 150*	*05/30/25 06:13*	*05/31/25 09:02*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	15	U	15	15	mg/Kg	☼	05/29/25 18:38	05/30/25 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*107*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:38*	*1*
1-Chlorooctadecane	*103*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:38*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11300**		15.9	4.4	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Antimony	**2.2**		0.79	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Arsenic	**3.9**		0.79	0.082	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Barium	**107**		1.6	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Beryllium	**0.65**		0.32	0.017	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Boron	**7.5**	**J**	31.7	1.7	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Cadmium	**0.096**	**J**	0.79	0.090	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Calcium	**3480**		79.3	7.7	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Chromium	**31.0**		1.6	0.24	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Cobalt	**11.8**		1.6	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Copper	**22.8**		1.6	0.29	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Iron	**28900**		47.6	6.1	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Lead	**10.8**		0.48	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Magnesium	**5850**		79.3	8.1	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Manganese	**902**		3.2	0.32	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Nickel	**41.0**		1.6	0.14	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Potassium	**2980**		79.3	12.8	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Selenium	0.99	U	0.99	0.10	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Silver	0.32	U	0.32	0.071	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Sodium	**257**		79.3	36.2	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Thallium	**0.23**	**J**	0.32	0.033	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Tin	6.3	U	6.3	0.97	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1

Client Sample ID: B1_5-10_20250519
Lab Sample ID: 460-327048-8
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.5

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	**41.6**		1.6	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Zinc	**56.6**	**B**	6.3	0.86	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/03/25 12:40	06/04/25 14:20	10
Barium	**444**		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:20	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:20	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:20	10
Copper	**24.7**	**J**	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:20	10
Lead	12.0	U	12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:20	10
Nickel	**32.4**	**J**	40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:20	10
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:20	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:20	10
Zinc	160	U	160	65.2	ug/L		06/03/25 12:40	06/04/25 14:20	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/04/25 10:18	06/04/25 15:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.96**		0.047	0.022	mg/Kg	☼	05/30/25 01:23	05/30/25 07:16	3

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.3**	**HF**			SU			05/30/25 14:10	1
Temperature (SW846 9045D)	**21.5**	**HF**			Degrees C			05/30/25 14:10	1
Corrosivity (SW846 9045D)	**9.3**	**HF**			SU			05/30/25 14:10	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.87	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	0.25	U	0.25	0.14	mg/Kg	☼	05/30/25 19:45	06/01/25 19:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.8	U	24.8	24.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.8	U	19.8	19.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**4.5**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**95.5**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_10-15_20250519
Lab Sample ID: 460-327048-9
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B1_10-15_20250519
Lab Sample ID: 460-327048-9
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,4-Dimethylphenol	0.35	U *	0.35	0.042	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Benzidine	0.35	U	0.35	0.074	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0092	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B1_10-15_20250519
Lab Sample ID: 460-327048-9
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Pyridine	0.35	U	0.35	0.051	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.96*	*A J*	*mg/Kg*	☼	*1.54*	*N/A*	*05/29/25 20:31*	*05/30/25 11:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*05/29/25 20:31*	*05/30/25 11:11*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*05/29/25 20:31*	*05/30/25 11:11*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*05/29/25 20:31*	*05/30/25 11:11*	*1*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*	*05/29/25 20:31*	*05/30/25 11:11*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*05/29/25 20:31*	*05/30/25 11:11*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*05/29/25 20:31*	*05/30/25 11:11*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1

Client Sample ID: B1_10-15_20250519
Lab Sample ID: 460-327048-9
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
trans-Chlordane	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*10 - 150*	*05/30/25 10:35*	*05/31/25 10:03*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*05/30/25 10:35*	*05/31/25 10:03*	*1*
Tetrachloro-m-xylene	*82*		*14 - 150*	*05/30/25 10:35*	*05/31/25 10:03*	*1*
Tetrachloro-m-xylene	*87*		*14 - 150*	*05/30/25 10:35*	*05/31/25 10:03*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*148*		*10 - 150*	*05/30/25 10:29*	*05/31/25 00:01*	*1*
DCB Decachlorobiphenyl	*140*		*10 - 150*	*05/30/25 10:29*	*05/31/25 00:01*	*1*
Tetrachloro-m-xylene	*121*		*10 - 150*	*05/30/25 10:29*	*05/31/25 00:01*	*1*
Tetrachloro-m-xylene	*129*		*10 - 150*	*05/30/25 10:29*	*05/31/25 00:01*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U *	0.036	0.0076	mg/Kg	☼	05/30/25 06:13	05/31/25 10:37	1
2,4-D	0.036	U *	0.036	0.013	mg/Kg	☼	05/30/25 06:13	05/31/25 10:37	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0037	mg/Kg	☼	05/30/25 06:13	05/31/25 10:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*369*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 10:37*	*1*
2,4-Dichlorophenylacetic acid	*189*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 10:37*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	15	U	15	15	mg/Kg	☼	05/29/25 18:38	05/30/25 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*107*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:52*	*1*
1-Chlorooctadecane	*103*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:52*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12100**		16.7	4.6	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Antimony	**8.6**		0.83	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B1_10-15_20250519
Lab Sample ID: 460-327048-9
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.0

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1		0.83	0.086	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Barium	106		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Beryllium	1.6		0.33	0.018	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Boron	27.1	J	33.4	1.8	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Cadmium	0.83	U	0.83	0.094	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Calcium	16900		83.4	8.1	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Chromium	30.6		1.7	0.25	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Cobalt	13.0		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Copper	23.5		1.7	0.31	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Iron	31600		50.0	6.4	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Lead	22.8		0.50	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Magnesium	6670		83.4	8.5	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Manganese	392		3.3	0.34	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Nickel	37.7		1.7	0.15	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Potassium	4180		83.4	13.5	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Selenium	0.13	J	1.0	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Silver	0.33	U	0.33	0.074	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Sodium	408		83.4	38.1	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Thallium	0.32	J	0.33	0.034	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Tin	2.2	J	6.7	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Vanadium	43.0		1.7	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Zinc	101	B	6.7	0.91	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/03/25 12:40	06/04/25 14:47	10
Barium	442		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:47	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:47	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:47	10
Copper	40.0	U	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:47	10
Lead	12.0	U	12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:47	10
Nickel	42.8		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:47	10
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:47	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:47	10
Zinc	160	U	160	65.2	ug/L		06/03/25 12:40	06/04/25 14:47	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/04/25 10:18	06/04/25 15:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.016	0.0077	mg/Kg	☼	05/30/25 01:23	05/30/25 07:18	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	11.6	HF			SU			05/30/25 14:12	1
Temperature (SW846 9045D)	22.6	HF			Degrees C			05/30/25 14:12	1
Corrosivity (SW846 9045D)	11.6	HF			SU			05/30/25 14:12	1

Client Sample ID: B1_10-15_20250519
Lab Sample ID: 460-327048-9

Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.89	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	06/02/25 18:07	06/02/25 22:22	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**7.0**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**93.0**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_15-20_20250519
Lab Sample ID: 460-327048-10

Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,4-Dimethylphenol	0.35	U *	0.35	0.042	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Benzidine	0.35	U	0.35	0.074	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B1_15-20_20250519
Lab Sample ID: 460-327048-10
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Pyridine	0.35	U	0.35	0.050	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclic octaatomic sulfur	*1.1*	*J N*	*mg/Kg*	☼	*7.78*	*10544-50-0*	*05/29/25 20:31*	*05/30/25 11:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*05/29/25 20:31*	*05/30/25 11:31*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*05/29/25 20:31*	*05/30/25 11:31*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*05/29/25 20:31*	*05/30/25 11:31*	*1*
Nitrobenzene-d5 (Surr)	*57*		*27 - 120*	*05/29/25 20:31*	*05/30/25 11:31*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*05/29/25 20:31*	*05/30/25 11:31*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*05/29/25 20:31*	*05/30/25 11:31*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1

Client Sample ID: B1_15-20_20250519
Lab Sample ID: 460-327048-10
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
trans-Chlordane	0.0071	U	0.0071	0.0012	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*10 - 150*	*05/30/25 10:35*	*05/31/25 10:16*	*1*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*05/30/25 10:35*	*05/31/25 10:16*	*1*
Tetrachloro-m-xylene	*67*		*14 - 150*	*05/30/25 10:35*	*05/31/25 10:16*	*1*
Tetrachloro-m-xylene	*72*		*14 - 150*	*05/30/25 10:35*	*05/31/25 10:16*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*05/30/25 10:34*	*05/31/25 00:18*	*1*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*05/30/25 10:34*	*05/31/25 00:18*	*1*
Tetrachloro-m-xylene	*86*		*10 - 150*	*05/30/25 10:34*	*05/31/25 00:18*	*1*
Tetrachloro-m-xylene	*93*		*10 - 150*	*05/30/25 10:34*	*05/31/25 00:18*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U *	0.035	0.0075	mg/Kg	☼	05/30/25 06:13	05/31/25 10:56	1

Client Sample ID: B1_15-20_20250519
Lab Sample ID: 460-327048-10
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

Method: SW846 8151A - Herbicides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.035	U *	0.035	0.013	mg/Kg	☼	05/30/25 06:13	05/31/25 10:56	1
Silvex (2,4,5-TP)	0.035	U *	0.035	0.0037	mg/Kg	☼	05/30/25 06:13	05/31/25 10:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*6319*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 10:56*	*1*
2,4-Dichlorophenylacetic acid	*339*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 10:56*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	15	U	15	15	mg/Kg	☼	05/29/25 18:38	05/30/25 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*111*		*40 - 140*	*05/29/25 18:38*	*05/30/25 13:06*	*1*
1-Chlorooctadecane	*106*		*40 - 140*	*05/29/25 18:38*	*05/30/25 13:06*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6270**		16.6	4.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Antimony	**3.1**		0.83	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Arsenic	**1.1**		0.83	0.086	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Barium	**41.7**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Beryllium	**1.3**		0.33	0.018	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Boron	**9.3**	**J**	33.3	1.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Cadmium	0.83	U	0.83	0.094	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Calcium	**11700**		83.2	8.1	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Chromium	**29.4**		1.7	0.25	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Cobalt	**8.1**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Copper	**17.5**		1.7	0.31	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Iron	**30900**		49.9	6.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Lead	**14.2**		0.50	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Magnesium	**5290**		83.2	8.5	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Manganese	**518**		3.3	0.34	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Nickel	**23.4**		1.7	0.15	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Potassium	**1710**		83.2	13.5	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Selenium	1.0	U	1.0	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Silver	0.33	U	0.33	0.074	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Sodium	**224**		83.2	38.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Thallium	**0.28**	**J**	0.33	0.034	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Tin	6.7	U	6.7	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Vanadium	**31.1**		1.7	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Zinc	**72.4**	**B**	6.7	0.91	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/03/25 12:40	06/04/25 14:50	10
Barium	**340**		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:50	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:50	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:50	10
Copper	**37.0**	**J**	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:50	10
Lead	**50.2**		12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:50	10
Nickel	**41.3**		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:50	10

Client Sample ID: B1_15-20_20250519
Lab Sample ID: 460-327048-10
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

Method: SW846 6020B - Metals (ICP/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:50	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:50	10
Zinc	**208**		160	65.2	ug/L		06/03/25 12:40	06/04/25 14:50	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.36**		0.20	0.091	ug/L		06/04/25 10:18	06/04/25 15:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.32**		0.018	0.0085	mg/Kg	☼	05/30/25 01:23	05/30/25 05:17	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.1**	**HF**			SU			05/30/25 14:14	1
Temperature (SW846 9045D)	**22.1**	**HF**			Degrees C			05/30/25 14:14	1
Corrosivity (SW846 9045D)	**10.1**	**HF**			SU			05/30/25 14:14	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.90	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	05/30/25 20:54	06/01/25 20:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.8	U	24.8	24.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.8	U	19.8	19.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_3-5_20250519
Lab Sample ID: 460-327048-11
Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.4**		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	**9.4**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**90.6**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**90.6**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_3-5_20250519
Lab Sample ID: 460-327048-11
Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 90.6

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.0	U	1.0	1.0	mg/Kg	☼	05/30/25 10:08	05/31/25 02:14	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*118*		*75 - 150*	*05/30/25 10:08*	*05/31/25 02:14*	*50*

Client Sample ID: B1_5-7_20250519
Lab Sample ID: 460-327048-12
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.2		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	12.2		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	87.8		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	87.8		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_5-7_20250519
Lab Sample ID: 460-327048-12
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 87.8

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.2	U	1.2	1.2	mg/Kg	☼	05/30/25 10:08	05/31/25 02:40	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*75 - 150*	*05/30/25 10:08*	*05/31/25 02:40*	*50*

Client Sample ID: B1_17-19_20250519
Lab Sample ID: 460-327048-13
Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	19.3		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	19.3		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	80.7		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	80.7		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_17-19_20250519
Lab Sample ID: 460-327048-13
Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 80.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2.0		1.3	1.3	mg/Kg	☼	05/30/25 10:08	06/02/25 15:05	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*118*		*75 - 150*	*05/30/25 10:08*	*06/02/25 15:05*	*50*

Client Sample ID: B2_17-19_20250519
Lab Sample ID: 460-327048-14
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.3		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	8.3		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	91.7		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	91.7		1.0	1.0	%			05/29/25 20:13	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_17-19_20250519
Lab Sample ID: 460-327048-14
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 91.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1000		98	98	mg/Kg	☼	05/30/25 10:09	06/02/25 18:09	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*0*	*D*	*75 - 150*	*05/30/25 10:09*	*06/02/25 18:09*	*5000*

Client Sample ID: B1_13-15_20250519
Lab Sample ID: 460-327048-15
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	21.9		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	21.9		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	78.1		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	78.1		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_13-15_20250519
Lab Sample ID: 460-327048-15
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 78.1

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.5	U	1.5	1.5	mg/Kg	☼	05/30/25 10:09	06/02/25 15:31	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*130*		*75 - 150*	*05/30/25 10:09*	*06/02/25 15:31*	*50*

Surrogate Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-326691-1	B2_0-5_20250520	67	68	71	66	70	69
460-326691-2	B2_5-10_20250520	55	57	55	55	56	59
460-326691-3	B2_10-15_20250520	71	55	53	52	53	72
460-326691-4	B2_15-20_20250520	65	67	71	67	68	67
460-326691-8	A2_0-5_20250520	61	58	53	52	56	63
460-326691-9	A2_5-10_20250520	73	75	77	72	75	76
460-326691-10	A2_10-15_20250520	67	69	66	62	67	71
460-326691-14	A3_0-5_20250520	71	68	65	60	66	73
460-326691-15	A3_5-10_20250520	66	70	71	68	70	69
460-326691-16	A3_10-15_20250520	65	58	60	52	58	61
460-326691-16 MS	A3_10-15_20250520	74	61	62	53	59	64
460-326691-16 MSD	A3_10-15_20250520	76	65	65	56	62	69
460-326803-C-1-A MS	Matrix Spike	76	73	80	72	79	66
460-326803-C-1-B MSD	Matrix Spike Duplicate	79	71	79	72	80	65
460-326806-1	B4_0-5_20250522	69	90	89	84	92	82
460-326806-2	B4_5-10_20250522	57	66	65	59	65	59
460-326806-3	B4_10-15_20250522	64	70	73	66	75	73
460-326806-4	B4_15-20_20250522	94	86	91	83	94	91
460-326806-5	B1-B2_20-25_20250522	56	56	58	53	60	58
460-326877-1	A4_0-5_20250521	56	57	54	47	54	63
460-326877-2	A4_5-10_20250521	62	58	58	51	56	65
460-326877-5	B3_0-5_20250521	71	73	67	63	67	72
460-326877-6	B3_10-15_20250521	60	61	63	54	59	65
460-326877-7	B3_15-20_20250521	63	63	63	54	60	67
460-326877-8	B3_5-10_20250521	66	62	61	52	59	69
460-327048-1	A1_0-5_20250519	66	64	62	53	61	68
460-327048-2	A1_5-10_20250519	66	49	44	39	45	62
460-327048-3	A1_10-15_20250519	73	62	63	55	61	62
460-327048-7	B1_0-5_20250519	66	58	59	50	58	63
460-327048-8	B1_5-10_20250519	67	62	64	54	60	63
460-327048-9	B1_10-15_20250519	67	63	66	56	63	66
460-327048-10	B1_15-20_20250519	68	64	65	57	63	66
460-327049-A-20-A MS	Matrix Spike	74	71	69	67	69	69
460-327049-A-20-B MSD	Matrix Spike Duplicate	72	70	73	67	71	68
460-327185-A-4-G MS	Matrix Spike	82	71	68	59	66	72
460-327185-A-4-H MSD	Matrix Spike Duplicate	80	69	70	60	65	71
LCS 460-1039939/2-A	Lab Control Sample	89	84	92	83	92	86
LCS 460-1040352/2-A	Lab Control Sample	80	68	68	61	66	69
LCS 460-1040354/2-A	Lab Control Sample	81	76	77	74	77	71
LCS 460-1040640/2-A	Lab Control Sample	88	77	78	67	73	75
LCSD 460-1039939/3-A	Lab Control Sample Dup	99	91	96	88	97	91
LCSD 460-1040352/3-A	Lab Control Sample Dup	79	69	69	62	65	68
LCSD 460-1040354/3-A	Lab Control Sample Dup	79	74	73	71	75	72
LCSD 460-1040640/3-A	Lab Control Sample Dup	86	77	76	67	72	74
MB 460-1039939/1-A	Method Blank	70	77	86	77	85	79
MB 460-1040352/1-A	Method Blank	68	62	64	57	61	61
MB 460-1040354/1-A	Method Blank	71	74	78	73	75	72
MB 460-1040640/1-A	Method Blank	83	76	82	69	77	72

Surrogate Legend

Surrogate Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	TFT1 (75-150)						
460-326691-5	B2-2_3-5_20250520	124						
460-326691-6	B2-2_8-10_20250520	113						
460-326691-7	B2-2_13-15_20250520	115						
460-326691-11	A2-3_3-5_20250520	82						
460-326691-12	A2-3_10-12_20250520	91						
460-326691-13	A2-3_8-10_20250520	110						
460-326691-17	A3-1_3-5_20250520	113						
460-326691-18	A3-1_8-10_20250520	115						
460-326691-19	A3-1_13-15_20250520	169 *						
460-326806-6	B4-1B_3-5_20250522	76						
460-326806-7	B4-1B_8-10_20250522	103						
460-326806-8	B4-4_13-15_20250522	121						
460-326806-9	B4-4_15-17_20250522	145						
460-326806-10	B1-4_20-22_20250522	138						
460-326877-3	A4-3_3-5_20250521	105						
460-326877-4	A4-3_8-10_20250521	126						
460-326877-9	B3-4_3-5_20250521	100						
460-326877-10	B3-4_6-8_20250521	103						
460-326877-11	B3-4_13-15_20250521	0 D						
460-326877-12	B3-4_16-18_20250521	0 D						
460-327048-4	A1_3-5_20250519	135						
460-327048-5	A1_8-10_20250519	137						
460-327048-6	A1_13-15_20250519	130						
460-327048-11	B1_3-5_20250519	118						
460-327048-12	B1_5-7_20250519	93						
460-327048-13	B1_17-19_20250519	118						
460-327048-14	B2_17-19_20250519	0 D						
460-327048-15	B1_13-15_20250519	130						
LCS 460-1040043/2	Lab Control Sample	88						
LCS 460-1040218/2	Lab Control Sample	92						
LCS 460-1040357/2	Lab Control Sample	91						
LCS 460-1040505/2	Lab Control Sample	90						
LCS 460-1040959/2	Lab Control Sample	86						
LCSD 460-1040043/3	Lab Control Sample Dup	104						
LCSD 460-1040218/3	Lab Control Sample Dup	101						
LCSD 460-1040357/3	Lab Control Sample Dup	107						
LCSD 460-1040505/3	Lab Control Sample Dup	117						
LCSD 460-1040959/3	Lab Control Sample Dup	111						
MB 460-1040043/4	Method Blank	99						
MB 460-1040218/4	Method Blank	117						
MB 460-1040357/5	Method Blank	112						
MB 460-1040505/5	Method Blank	118						
MB 460-1040959/5	Method Blank	112						

Surrogate Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Surrogate Legend

TFT = a,a,a-Trifluorotoluene

Method: 8015D - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	OTPH (10-150)							
460-326691-5	B2-2_3-5_20250520	66							
460-326691-6	B2-2_8-10_20250520	64							
460-326691-7	B2-2_13-15_20250520	82							
460-326691-11	A2-3_3-5_20250520	93							
460-326691-12	A2-3_10-12_20250520	108							
460-326691-13	A2-3_8-10_20250520	94							
460-326691-13 MS	A2-3_8-10_20250520	76							
460-326691-13 MSD	A2-3_8-10_20250520	70							
460-326691-18	A3-1_8-10_20250520	83							
460-326691-19	A3-1_13-15_20250520	82							
460-326806-6	B4-1B_3-5_20250522	75							
460-326806-6 MS	B4-1B_3-5_20250522	85							
460-326806-6 MSD	B4-1B_3-5_20250522	74							
460-326806-7	B4-1B_8-10_20250522	83							
460-326806-8	B4-4_13-15_20250522	77							
460-326806-9	B4-4_15-17_20250522	76							
460-326806-10	B1-4_20-22_20250522	84							
460-326877-4	A4-3_8-10_20250521	91							
460-326877-10	B3-4_6-8_20250521	100							
460-326877-11	B3-4_13-15_20250521	95							
460-326877-12	B3-4_16-18_20250521	93							
LCS 460-1040060/2-A	Lab Control Sample	73							
LCS 460-1040454/2-A	Lab Control Sample	85							
LCSD 460-1040060/3-A	Lab Control Sample Dup	77							
LCSD 460-1040454/3-A	Lab Control Sample Dup	86							
MB 460-1040060/1-A	Method Blank	77							
MB 460-1040454/1-A	Method Blank	75							

Surrogate Legend

OTPH = o-Terphenyl

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	DCBP1 (17-150)	DCBP2 (17-150)	TCX1 (21-150)	TCX2 (21-150)				
460-326691-1	B2_0-5_20250520	75	66	76	73				
460-326691-1 MS	B2_0-5_20250520	86	80	86	80				
460-326691-1 MSD	B2_0-5_20250520	84	74	85	76				
460-326691-2	B2_5-10_20250520	85	72	94	80				
460-326691-3	B2_10-15_20250520	88	73	81	75				
460-326691-4	B2_15-20_20250520	88	74	78	72				
460-326691-8	A2_0-5_20250520	91	83	82	81				
460-326691-9	A2_5-10_20250520	105	96	103	94				
460-326691-10	A2_10-15_20250520	90	106	93	82				
460-326691-14	A3_0-5_20250520	95	85	95	85				
460-326691-15	A3_5-10_20250520	94	109	92	84				

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (17-150)	DCBP2 (17-150)	TCX1 (21-150)	TCX2 (21-150)
460-326691-16	A3_10-15_20250520	81	67	83	74
460-326806-1	B4_0-5_20250522	72	74	98	84
460-326806-2	B4_5-10_20250522	59	60	80	69
460-326806-3	B4_10-15_20250522	75	64	96	85
460-326806-4	B4_15-20_20250522	52	55	96	75
460-326806-5	B1-B2_20-25_20250522	69	67	78	98
460-326877-1	A4_0-5_20250521	90	31	69	67
460-326877-2	A4_5-10_20250521	83	82	90	88
460-326877-5	B3_0-5_20250521	83	73	72	69
460-326877-6	B3_10-15_20250521	90	72	77	73
460-326877-7	B3_15-20_20250521	105	90	91	87
460-326877-8	B3_5-10_20250521	86	75	73	72
460-326907-E-1-H MS	Matrix Spike	76	69	95	78
460-326907-E-1-I MSD	Matrix Spike Duplicate	65	67	84	79
LCS 460-1039986/2-A	Lab Control Sample	78	83	79	73
LCSD 460-1039986/3-A	Lab Control Sample Dup	96	93	91	70
MB 460-1039986/1-A	Method Blank	102	108	100	95

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (14-150)	TCX2 (14-150)
460-327048-1	A1_0-5_20250519	109	102	94	91
460-327048-2	A1_5-10_20250519	86	76	74	70
460-327048-3	A1_10-15_20250519	109	95	96	91
460-327048-7	B1_0-5_20250519	84	88	78	74
460-327048-8	B1_5-10_20250519	106	116	102	93
460-327048-9	B1_10-15_20250519	95	81	87	82
460-327048-10	B1_15-20_20250519	88	75	72	67
460-327114-A-6-G MS	Matrix Spike	87	89	80	66
460-327114-A-6-H MSD	Matrix Spike Duplicate	83	93	71	66
LCS 460-1040502/2-A	Lab Control Sample	98	88	96	88
LCS 460-1040504/2-A	Lab Control Sample	100	108	105	92
LCSD 460-1040502/3-A	Lab Control Sample Dup	104	95	98	92
LCSD 460-1040504/3-A	Lab Control Sample Dup	100	118	106	96
MB 460-1040502/1-A	Method Blank	122	115	112	111
MB 460-1040504/1-A	Method Blank	111	128	104	99

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(20-150)	(20-150)	(20-150)	(20-150)
460-326691-1	B2_0-5_20250520	108	111	98	104
460-326691-1 MS	B2_0-5_20250520	125	162 *	111	151 *
460-326691-1 MSD	B2_0-5_20250520	130	137	120	129
460-326691-2	B2_5-10_20250520	134	139	113	122
460-326691-3	B2_10-15_20250520	112	116	102	109
460-326691-4	B2_15-20_20250520	111	118	98	111
460-326691-8	A2_0-5_20250520	122	121	105	111
460-326691-9	A2_5-10_20250520	142	143	125	130
460-326691-10	A2_10-15_20250520	109	124	102	122
460-326691-14	A3_0-5_20250520	128	135	114	124
460-326691-15	A3_5-10_20250520	139	141	122	124
460-326691-16	A3_10-15_20250520	131	136	123	128
460-326806-1	B4_0-5_20250522	119	145	146	130
460-326806-2	B4_5-10_20250522	99	107	122	107
460-326806-3	B4_10-15_20250522	135	138	162 *	147
460-326806-4	B4_15-20_20250522	93	97	109	96
460-326806-5	B1-B2_20-25_20250522	117	114	134	122
460-326877-1	A4_0-5_20250521	132	127	103	108
460-326877-2	A4_5-10_20250521	106	105	114	119
460-326877-5	B3_0-5_20250521	118	113	103	94
460-326877-6	B3_10-15_20250521	125	117	108	109
460-326877-7	B3_15-20_20250521	145	144	134	135
460-326877-8	B3_5-10_20250521	110	114	96	102
460-326907-E-1-E MS	Matrix Spike	84	100	101	105
460-326907-E-1-F MSD	Matrix Spike Duplicate	110	115	129	136
LCS 460-1039985/2-A	Lab Control Sample	103	94	130	110
LCS 460-1040500/2-A	Lab Control Sample	133	122	112	114
LCSD 460-1039985/3-A	Lab Control Sample Dup	105	97	133	111
LCSD 460-1040500/3-A	Lab Control Sample Dup	123	127	109	118
MB 460-1039985/1-A	Method Blank	101	92	127	107
MB 460-1040500/1-A	Method Blank	134	134	118	125

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)
460-327048-1	A1_0-5_20250519	142	147	120	136
460-327048-2	A1_5-10_20250519	100	101	87	94
460-327048-3	A1_10-15_20250519	139	143	121	130
460-327048-7	B1_0-5_20250519	109	112	98	106
460-327048-8	B1_5-10_20250519	141	141	136	143
460-327048-9	B1_10-15_20250519	140	148	129	121
460-327048-10	B1_15-20_20250519	113	120	93	86
460-327114-A-6-D MS	Matrix Spike	99	90	81	72
460-327114-A-6-E MSD	Matrix Spike Duplicate	138	133	118	107

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
LCS 460-1040503/2-A	Lab Control Sample	145	123	116	99
LCSD 460-1040503/3-A	Lab Control Sample Dup	134	114	111	103
MB 460-1040503/1-A	Method Blank	140	123	119	111

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (41-150)	DCPAA2 (41-150)
460-326691-1	B2_0-5_20250520	160 *	181 *
460-326691-2	B2_5-10_20250520	159 *	194 *
460-326691-3	B2_10-15_20250520	242 *	458 *
460-326691-4	B2_15-20_20250520	383 *	2502 *
460-326691-8	A2_0-5_20250520	163 *	160 *
460-326691-9	A2_5-10_20250520	201 *	219 *
460-326691-10	A2_10-15_20250520	406 *	532 *
460-326691-14	A3_0-5_20250520	167 *	168 *
460-326691-15	A3_5-10_20250520	167 *	138
460-326691-16	A3_10-15_20250520	160 *	147
460-326784-A-2-A MS	Matrix Spike	163 *	167 *
460-326784-A-2-B MSD	Matrix Spike Duplicate	180 *	182 *
460-326806-1	B4_0-5_20250522	166 *	171 *
460-326806-2	B4_5-10_20250522	173 *	211 *
460-326806-3	B4_10-15_20250522	488 *	1521 *
460-326806-4	B4_15-20_20250522	304 *	760 *
460-326806-5	B1-B2_20-25_20250522	552 *	3957 *
460-326877-1	A4_0-5_20250521	186 *	171 *
460-326877-2	A4_5-10_20250521	179 *	177 *
460-326877-5	B3_0-5_20250521	125	125
460-326877-6	B3_10-15_20250521	185 *	175 *
460-326877-7	B3_15-20_20250521	153 *	153 *
460-326877-8	B3_5-10_20250521	149	140
460-327070-E-1-A MSD	Matrix Spike Duplicate	182 *	172 *
460-327070-F-1-A MS	Matrix Spike	161 *	148
460-327159-E-4-D MS	Matrix Spike	112	109
460-327159-E-4-E MSD	Matrix Spike Duplicate	117	114
LCS 460-1039660/2-A	Lab Control Sample	128	126
LCS 460-1040404/2-A	Lab Control Sample	153 *	150
LCS 460-1040667/2-A	Lab Control Sample	98	95
LCSD 460-1039660/3-A	Lab Control Sample Dup	146	143
LCSD 460-1040404/3-A	Lab Control Sample Dup	137	134
LCSD 460-1040667/3-A	Lab Control Sample Dup	80	78
MB 460-1039660/1-A	Method Blank	123	121
MB 460-1040404/1-A	Method Blank	157 *	155 *
MB 460-1040667/1-A	Method Blank	90	87

Surrogate Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Surrogate Legend
DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1	DCPAA2
Lab Sample ID	Client Sample ID	(38-150)	(38-150)
460-327048-1	A1_0-5_20250519	150	154 *
460-327048-2	A1_5-10_20250519	151 *	199 *
460-327048-3	A1_10-15_20250519	151 *	162 *
460-327048-7	B1_0-5_20250519	145	173 *
460-327048-8	B1_5-10_20250519	142	129
460-327048-8 MS	B1_5-10_20250519	162 *	143
460-327048-8 MSD	B1_5-10_20250519	159 *	140
460-327048-9	B1_10-15_20250519	189 *	369 *
460-327048-10	B1_15-20_20250519	339 *	6319 *
LCS 460-1040418/2-A	Lab Control Sample	158 *	155 *
LCSD 460-1040418/3-A	Lab Control Sample Dup	150	148
MB 460-1040418/1-A	Method Blank	155 *	152 *

Surrogate Legend
DCPAA = 2,4-Dichlorophenylacetic acid

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		OTPH1	1COD1
Lab Sample ID	Client Sample ID	(40-140)	(40-140)
460-326691-1	B2_0-5_20250520	58	64
460-326691-2	B2_5-10_20250520	89	106
460-326691-3	B2_10-15_20250520	95	102
460-326691-4	B2_15-20_20250520	87	97
460-326691-8	A2_0-5_20250520	92	102
460-326691-9	A2_5-10_20250520	104	112
460-326691-10	A2_10-15_20250520	96	103
460-326691-14	A3_0-5_20250520	112	111
460-326691-15	A3_5-10_20250520	103	115
460-326691-16	A3_10-15_20250520	79	86
460-326691-16 MS	A3_10-15_20250520	85	90
460-326691-16 MSD	A3_10-15_20250520	85	108
460-326800-B-7-D MS	Matrix Spike	78	92
460-326800-B-7-E MSD	Matrix Spike Duplicate	90	100
460-326806-1	B4_0-5_20250522	93	106
460-326806-2	B4_5-10_20250522	93	106
460-326806-3	B4_10-15_20250522	92	106
460-326806-4	B4_15-20_20250522	84	99
460-326806-5	B1-B2_20-25_20250522	73	85
460-326843-A-6-G MS	Matrix Spike	106	109
460-326843-A-6-H MSD	Matrix Spike Duplicate	109	112
460-326877-1	A4_0-5_20250521	83	85
460-326877-2	A4_5-10_20250521	114	121
460-326877-5	B3_0-5_20250521	92	101
460-326877-6	B3_10-15_20250521	86	88
460-326877-7	B3_15-20_20250521	80	82

Surrogate Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	OTPH1 (40-140)	1COD1 (40-140)								
460-326877-8	B3_5-10_20250521	88	89								
460-327010-A-1-A MS	Matrix Spike	87	90								
460-327010-A-1-B MSD	Matrix Spike Duplicate	70	73								
460-327048-1	A1_0-5_20250519	109	104								
460-327048-2	A1_5-10_20250519	113	108								
460-327048-3	A1_10-15_20250519	110	106								
460-327048-7	B1_0-5_20250519	108	105								
460-327048-8	B1_5-10_20250519	107	103								
460-327048-9	B1_10-15_20250519	107	103								
460-327048-10	B1_15-20_20250519	111	106								
460-327156-A-30-B MS	Matrix Spike	87	93								
460-327156-A-30-C MSD	Matrix Spike Duplicate	104	112								
LCS 460-1039957/2-A	Lab Control Sample	114	174 *								
LCS 460-1040333/2-A	Lab Control Sample	115	125								
LCS 460-1040490/2-A	Lab Control Sample	101	150 *								
LCS 460-1040491/2-A	Lab Control Sample	108	136								
LCS 460-1040675/2-A	Lab Control Sample	99	149 *								
LCSD 460-1039957/3-A	Lab Control Sample Dup	114	173 *								
LCSD 460-1040333/3-A	Lab Control Sample Dup	117	134								
LCSD 460-1040490/3-A	Lab Control Sample Dup	108	159 *								
LCSD 460-1040491/3-A	Lab Control Sample Dup	123	152 *								
LCSD 460-1040675/3-A	Lab Control Sample Dup	107	162 *								
MB 460-1039957/1-A	Method Blank	110	128								
MB 460-1040333/1-A	Method Blank	112	96								
MB 460-1040490/1-A	Method Blank	102	113								
MB 460-1040491/1-A	Method Blank	109	101								
MB 460-1040675/1-A	Method Blank	107	122								

Surrogate Legend

OTPH = o-Terphenyl
1COD = 1-Chlorooctadecane

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1039939/1-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
1,2-Diphenylhydrazine	0.33	U	0.33	0.013	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Benzidine	0.33	U	0.33	0.069	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		05/28/25 08:53	05/28/25 20:42	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1039939/1-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Phenol	0.33	U	0.33	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Pyridine	0.33	U	0.33	0.047	mg/Kg		05/28/25 08:53	05/28/25 20:42	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.326*	*A J*	*mg/Kg*		*2.54*	*N/A*	*05/28/25 08:53*	*05/28/25 20:42*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*	*05/28/25 08:53*	*05/28/25 20:42*	*1*
2-Fluorobiphenyl	*77*		*33 - 117*	*05/28/25 08:53*	*05/28/25 20:42*	*1*
2-Fluorophenol (Surr)	*86*		*24 - 120*	*05/28/25 08:53*	*05/28/25 20:42*	*1*
Nitrobenzene-d5 (Surr)	*77*		*27 - 120*	*05/28/25 08:53*	*05/28/25 20:42*	*1*
Phenol-d5 (Surr)	*85*		*28 - 118*	*05/28/25 08:53*	*05/28/25 20:42*	*1*
Terphenyl-d14 (Surr)	*79*		*33 - 124*	*05/28/25 08:53*	*05/28/25 20:42*	*1*

Lab Sample ID: LCS 460-1039939/2-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	3.13		mg/Kg		94	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	3.03		mg/Kg		91	60 - 120
1,2-Diphenylhydrazine	3.33	3.15		mg/Kg		94	62 - 118
1,4-Dioxane	3.33	2.19		mg/Kg		66	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	3.22		mg/Kg		97	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.28		mg/Kg		99	62 - 120
2,4,5-Trichlorophenol	3.33	3.22		mg/Kg		97	64 - 120
2,4,6-Trichlorophenol	3.33	3.19		mg/Kg		96	65 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1039939/2-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dichlorophenol	3.33	3.35		mg/Kg		100	66 - 120
2,4-Dimethylphenol	3.33	3.28		mg/Kg		98	75 - 136
2,4-Dinitrophenol	6.67	4.26		mg/Kg		64	41 - 120
2,4-Dinitrotoluene	3.33	3.45		mg/Kg		103	65 - 124
2,6-Dinitrotoluene	3.33	3.36		mg/Kg		101	67 - 121
2-Chloronaphthalene	3.33	3.10		mg/Kg		93	64 - 120
2-Chlorophenol	3.33	3.47		mg/Kg		104	63 - 120
2-Methylnaphthalene	3.33	3.27		mg/Kg		98	56 - 102
2-Methylphenol	3.33	3.56		mg/Kg		107	63 - 120
2-Nitroaniline	3.33	3.15		mg/Kg		95	52 - 120
2-Nitrophenol	3.33	3.21		mg/Kg		96	64 - 120
3,3'-Dichlorobenzidine	3.33	1.73		mg/Kg		52	10 - 106
3-Nitroaniline	3.33	2.70		mg/Kg		81	18 - 105
4,6-Dinitro-2-methylphenol	6.67	5.74		mg/Kg		86	61 - 127
4-Bromophenyl phenyl ether	3.33	3.31		mg/Kg		99	64 - 120
4-Chloro-3-methylphenol	3.33	3.40		mg/Kg		102	68 - 120
4-Chloroaniline	3.33	2.31		mg/Kg		69	10 - 107
4-Chlorophenyl phenyl ether	3.33	3.31		mg/Kg		99	62 - 120
4-Methylphenol	3.33	3.55		mg/Kg		107	61 - 120
4-Nitroaniline	3.33	3.26		mg/Kg		98	51 - 112
4-Nitrophenol	6.67	6.50		mg/Kg		98	52 - 122
Acenaphthene	3.33	3.14		mg/Kg		94	65 - 120
Acenaphthylene	3.33	3.16		mg/Kg		95	68 - 120
Acetophenone	3.33	3.11		mg/Kg		93	61 - 111
Anthracene	3.33	3.30		mg/Kg		99	67 - 120
Atrazine	1.33	2.86	*	mg/Kg		214	52 - 150
Benzaldehyde	1.33	2.50	*	mg/Kg		188	45 - 150
Benzidine	3.33	2.48		mg/Kg		74	10 - 145
Benzo[a]anthracene	3.33	3.07		mg/Kg		92	66 - 120
Benzo[a]pyrene	3.33	3.44		mg/Kg		103	69 - 123
Benzo[b]fluoranthene	3.33	3.37		mg/Kg		101	66 - 125
Benzo[g,h,i]perylene	3.33	3.23		mg/Kg		97	66 - 138
Benzo[k]fluoranthene	3.33	3.47		mg/Kg		104	67 - 122
Bis(2-chloroethoxy)methane	3.33	3.22		mg/Kg		97	62 - 120
Bis(2-chloroethyl)ether	3.33	3.26		mg/Kg		98	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.14		mg/Kg		94	64 - 125
Butyl benzyl phthalate	3.33	3.15		mg/Kg		95	62 - 127
Caprolactam	1.33	2.85	*	mg/Kg		214	46 - 150
Carbazole	3.33	3.30		mg/Kg		99	64 - 120
Chrysene	3.33	3.02		mg/Kg		91	67 - 120
Dibenz(a,h)anthracene	3.33	3.32		mg/Kg		100	66 - 128
Dibenzofuran	3.33	3.23		mg/Kg		97	61 - 120
Diethyl phthalate	3.33	3.33		mg/Kg		100	63 - 120
Dimethyl phthalate	3.33	3.26		mg/Kg		98	65 - 120
Di-n-butyl phthalate	3.33	3.48		mg/Kg		104	61 - 120
Di-n-octyl phthalate	3.33	3.62		mg/Kg		109	61 - 123
Fluoranthene	3.33	3.37		mg/Kg		101	61 - 120
Fluorene	3.33	3.24		mg/Kg		97	64 - 120
Hexachlorobenzene	3.33	3.29		mg/Kg		99	66 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1039939/2-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobutadiene	3.33	3.08		mg/Kg		92	62 - 120
Hexachlorocyclopentadiene	3.33	2.90		mg/Kg		87	32 - 150
Hexachloroethane	3.33	3.18		mg/Kg		96	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.27		mg/Kg		98	63 - 137
Isophorone	3.33	3.11		mg/Kg		93	61 - 120
Naphthalene	3.33	3.18		mg/Kg		95	63 - 113
Nitrobenzene	3.33	3.36		mg/Kg		101	63 - 120
N-Nitrosodi-n-propylamine	3.33	3.43		mg/Kg		103	60 - 120
N-Nitrosodiphenylamine	3.33	3.25		mg/Kg		97	63 - 120
Pentachlorophenol	6.67	6.65		mg/Kg		100	61 - 126
Phenanthrene	3.33	3.28		mg/Kg		98	66 - 120
Phenol	3.33	3.36		mg/Kg		101	63 - 120
Pyrene	3.33	3.18		mg/Kg		96	61 - 121
Pyridine	6.67	4.90		mg/Kg		74	21 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*89*		*18 - 137*
2-Fluorobiphenyl	*84*		*33 - 117*
2-Fluorophenol (Surr)	*92*		*24 - 120*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*
Phenol-d5 (Surr)	*92*		*28 - 118*
Terphenyl-d14 (Surr)	*86*		*33 - 124*

Lab Sample ID: LCSD 460-1039939/3-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	3.42		mg/Kg		102	64 - 120	9	30
1,2,4,5-Tetrachlorobenzene	3.33	3.36		mg/Kg		101	60 - 120	10	30
1,2-Diphenylhydrazine	3.33	3.41		mg/Kg		102	62 - 118	8	30
1,4-Dioxane	3.33	2.27		mg/Kg		68	31 - 105	4	30
2,2'-oxybis[1-chloropropane]	3.33	3.39		mg/Kg		102	50 - 126	5	30
2,3,4,6-Tetrachlorophenol	3.33	3.72		mg/Kg		111	62 - 120	12	30
2,4,5-Trichlorophenol	3.33	3.58		mg/Kg		107	64 - 120	10	30
2,4,6-Trichlorophenol	3.33	3.54		mg/Kg		106	65 - 120	10	30
2,4-Dichlorophenol	3.33	3.65		mg/Kg		109	66 - 120	9	30
2,4-Dimethylphenol	3.33	3.54		mg/Kg		106	75 - 136	8	30
2,4-Dinitrophenol	6.67	4.38		mg/Kg		66	41 - 120	3	30
2,4-Dinitrotoluene	3.33	3.83		mg/Kg		115	65 - 124	11	30
2,6-Dinitrotoluene	3.33	3.73		mg/Kg		112	67 - 121	10	30
2-Chloronaphthalene	3.33	3.42		mg/Kg		103	64 - 120	10	30
2-Chlorophenol	3.33	3.74		mg/Kg		112	63 - 120	8	30
2-Methylnaphthalene	3.33	3.55	*	mg/Kg		107	56 - 102	8	30
2-Methylphenol	3.33	3.74		mg/Kg		112	63 - 120	5	30
2-Nitroaniline	3.33	3.47		mg/Kg		104	52 - 120	10	30
2-Nitrophenol	3.33	3.53		mg/Kg		106	64 - 120	9	30
3,3'-Dichlorobenzidine	3.33	1.87		mg/Kg		56	10 - 106	8	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1039939/3-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3-Nitroaniline	3.33	2.98		mg/Kg		89	18 - 105	10	30
4,6-Dinitro-2-methylphenol	6.67	6.03		mg/Kg		90	61 - 127	5	30
4-Bromophenyl phenyl ether	3.33	3.60		mg/Kg		108	64 - 120	8	30
4-Chloro-3-methylphenol	3.33	3.72		mg/Kg		111	68 - 120	9	30
4-Chloroaniline	3.33	2.40		mg/Kg		72	10 - 107	4	30
4-Chlorophenyl phenyl ether	3.33	3.70		mg/Kg		111	62 - 120	11	30
4-Methylphenol	3.33	3.87		mg/Kg		116	61 - 120	9	30
4-Nitroaniline	3.33	3.72		mg/Kg		112	51 - 112	13	30
4-Nitrophenol	6.67	7.30		mg/Kg		110	52 - 122	12	30
Acenaphthene	3.33	3.51		mg/Kg		105	65 - 120	11	30
Acenaphthylene	3.33	3.52		mg/Kg		105	68 - 120	11	30
Acetophenone	3.33	3.34		mg/Kg		100	61 - 111	7	30
Anthracene	3.33	3.60		mg/Kg		108	67 - 120	9	30
Atrazine	1.33	3.01	*	mg/Kg		226	52 - 150	5	30
Benzaldehyde	1.33	2.54	*	mg/Kg		191	45 - 150	2	30
Benzidine	3.33	2.86		mg/Kg		86	10 - 145	14	30
Benzo[a]anthracene	3.33	3.39		mg/Kg		102	66 - 120	10	30
Benzo[a]pyrene	3.33	3.80		mg/Kg		114	69 - 123	10	30
Benzo[b]fluoranthene	3.33	3.75		mg/Kg		113	66 - 125	11	30
Benzo[g,h,i]perylene	3.33	3.67		mg/Kg		110	66 - 138	13	30
Benzo[k]fluoranthene	3.33	3.71		mg/Kg		111	67 - 122	7	30
Bis(2-chloroethoxy)methane	3.33	3.42		mg/Kg		103	62 - 120	6	30
Bis(2-chloroethyl)ether	3.33	3.52		mg/Kg		106	60 - 120	8	30
Bis(2-ethylhexyl) phthalate	3.33	3.46		mg/Kg		104	64 - 125	10	30
Butyl benzyl phthalate	3.33	3.48		mg/Kg		104	62 - 127	10	30
Caprolactam	1.33	3.10	*	mg/Kg		232	46 - 150	8	30
Carbazole	3.33	3.64		mg/Kg		109	64 - 120	10	30
Chrysene	3.33	3.31		mg/Kg		99	67 - 120	9	30
Dibenz(a,h)anthracene	3.33	3.81		mg/Kg		114	66 - 128	14	30
Dibenzofuran	3.33	3.57		mg/Kg		107	61 - 120	10	30
Diethyl phthalate	3.33	3.70		mg/Kg		111	63 - 120	11	30
Dimethyl phthalate	3.33	3.63		mg/Kg		109	65 - 120	11	30
Di-n-butyl phthalate	3.33	3.85		mg/Kg		116	61 - 120	10	30
Di-n-octyl phthalate	3.33	3.88		mg/Kg		116	61 - 123	7	30
Fluoranthene	3.33	3.74		mg/Kg		112	61 - 120	10	30
Fluorene	3.33	3.65		mg/Kg		110	64 - 120	12	30
Hexachlorobenzene	3.33	3.59		mg/Kg		108	66 - 120	9	30
Hexachlorobutadiene	3.33	3.26		mg/Kg		98	62 - 120	6	30
Hexachlorocyclopentadiene	3.33	3.21		mg/Kg		96	32 - 150	10	30
Hexachloroethane	3.33	3.36		mg/Kg		101	61 - 112	5	30
Indeno[1,2,3-cd]pyrene	3.33	3.71		mg/Kg		111	63 - 137	13	30
Isophorone	3.33	3.34		mg/Kg		100	61 - 120	7	30
Naphthalene	3.33	3.40		mg/Kg		102	63 - 113	7	30
Nitrobenzene	3.33	3.66		mg/Kg		110	63 - 120	8	30
N-Nitrosodi-n-propylamine	3.33	3.71		mg/Kg		111	60 - 120	8	30
N-Nitrosodiphenylamine	3.33	3.51		mg/Kg		105	63 - 120	8	30
Pentachlorophenol	6.67	7.32		mg/Kg		110	61 - 126	10	30
Phenanthrene	3.33	3.61		mg/Kg		108	66 - 120	10	30
Phenol	3.33	3.58		mg/Kg		107	63 - 120	6	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1039939/3-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039939

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene			3.33	3.37		mg/Kg		101	61 - 121	6	30
Pyridine			6.67	5.22		mg/Kg		78	21 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*99*		*18 - 137*
2-Fluorobiphenyl	*91*		*33 - 117*
2-Fluorophenol (Surr)	*96*		*24 - 120*
Nitrobenzene-d5 (Surr)	*88*		*27 - 120*
Phenol-d5 (Surr)	*97*		*28 - 118*
Terphenyl-d14 (Surr)	*91*		*33 - 124*

Lab Sample ID: 460-326803-C-1-A MS
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.37	U	3.71	3.09		mg/Kg	☼	83	64 - 120
1,2,4,5-Tetrachlorobenzene	0.37	U	3.71	3.06		mg/Kg	☼	83	60 - 120
1,2-Diphenylhydrazine	0.37	U	3.71	3.04		mg/Kg	☼	82	62 - 118
1,4-Dioxane	0.037	U	3.71	1.95		mg/Kg	☼	53	31 - 105
2,2'-oxybis[1-chloropropane]	0.37	U	3.71	3.11		mg/Kg	☼	84	50 - 126
2,3,4,6-Tetrachlorophenol	0.37	U	3.71	3.15		mg/Kg	☼	85	62 - 120
2,4,5-Trichlorophenol	0.37	U	3.71	3.10		mg/Kg	☼	84	64 - 120
2,4,6-Trichlorophenol	0.15	U	3.71	3.15		mg/Kg	☼	85	65 - 120
2,4-Dichlorophenol	0.15	U	3.71	3.19		mg/Kg	☼	86	66 - 120
2,4-Dimethylphenol	0.37	U	3.71	3.04		mg/Kg	☼	82	75 - 136
2,4-Dinitrophenol	0.30	U	7.42	0.454	*	mg/Kg	☼	6	41 - 120
2,4-Dinitrotoluene	0.075	U	3.71	3.11		mg/Kg	☼	84	65 - 124
2,6-Dinitrotoluene	0.075	U	3.71	3.12		mg/Kg	☼	84	67 - 121
2-Chloronaphthalene	0.37	U	3.71	3.06		mg/Kg	☼	83	64 - 120
2-Chlorophenol	0.37	U	3.71	3.38		mg/Kg	☼	91	63 - 120
2-Methylnaphthalene	0.37	U *	3.71	3.14		mg/Kg	☼	85	56 - 102
2-Methylphenol	0.37	U	3.71	3.42		mg/Kg	☼	92	63 - 120
2-Nitroaniline	0.37	U	3.71	3.14		mg/Kg	☼	85	52 - 120
2-Nitrophenol	0.37	U	3.71	2.62		mg/Kg	☼	71	64 - 120
3,3'-Dichlorobenzidine	0.15	U	3.71	3.20		mg/Kg	☼	86	10 - 106
3-Nitroaniline	0.37	U	3.71	3.22		mg/Kg	☼	87	18 - 105
4,6-Dinitro-2-methylphenol	0.30	U	7.42	0.580	*	mg/Kg	☼	8	61 - 127
4-Bromophenyl phenyl ether	0.37	U	3.71	3.17		mg/Kg	☼	86	64 - 120
4-Chloro-3-methylphenol	0.37	U	3.71	3.24		mg/Kg	☼	88	68 - 120
4-Chloroaniline	0.37	U	3.71	2.73		mg/Kg	☼	74	10 - 107
4-Chlorophenyl phenyl ether	0.37	U	3.71	3.18		mg/Kg	☼	86	62 - 120
4-Methylphenol	0.37	U	3.71	3.43		mg/Kg	☼	92	61 - 120
4-Nitroaniline	0.37	U	3.71	3.17		mg/Kg	☼	85	51 - 112
4-Nitrophenol	0.75	U	7.42	6.18		mg/Kg	☼	83	52 - 122
Acenaphthene	0.37	U	3.71	3.11		mg/Kg	☼	84	65 - 120
Acenaphthylene	0.37	U	3.71	3.07		mg/Kg	☼	83	68 - 120
Acetophenone	0.37	U	3.71	3.03		mg/Kg	☼	82	61 - 111

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-326803-C-1-A MS
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	0.37	U	3.71	3.24		mg/Kg	☼	87	67 - 120
Atrazine	0.15	U *	1.48	2.62	E *	mg/Kg	☼	177	52 - 150
Benzaldehyde	0.37	U *	1.48	2.37	E *	mg/Kg	☼	160	45 - 150
Benzidine	0.37	U	3.71	2.08		mg/Kg	☼	56	10 - 145
Benzo[a]anthracene	0.037	U	3.71	2.95		mg/Kg	☼	79	66 - 120
Benzo[a]pyrene	0.037	U	3.71	3.34		mg/Kg	☼	90	69 - 123
Benzo[b]fluoranthene	0.037	U	3.71	3.37		mg/Kg	☼	91	66 - 125
Benzo[g,h,i]perylene	0.37	U	3.71	2.63		mg/Kg	☼	71	66 - 138
Benzo[k]fluoranthene	0.037	U	3.71	3.34		mg/Kg	☼	90	67 - 122
Bis(2-chloroethoxy)methane	0.37	U	3.71	3.02		mg/Kg	☼	81	62 - 120
Bis(2-chloroethyl)ether	0.037	U	3.71	3.19		mg/Kg	☼	86	60 - 120
Bis(2-ethylhexyl) phthalate	0.37	U	3.71	3.01		mg/Kg	☼	81	64 - 125
Butyl benzyl phthalate	0.025	J	3.71	2.93		mg/Kg	☼	78	62 - 127
Caprolactam	0.37	U *	1.48	2.63	E *	mg/Kg	☼	177	46 - 150
Carbazole	0.37	U	3.71	3.26		mg/Kg	☼	88	64 - 120
Chrysene	0.37	U	3.71	2.94		mg/Kg	☼	79	67 - 120
Dibenz(a,h)anthracene	0.037	U	3.71	2.91		mg/Kg	☼	79	66 - 128
Dibenzofuran	0.37	U	3.71	3.12		mg/Kg	☼	84	61 - 120
Diethyl phthalate	0.37	U	3.71	3.22		mg/Kg	☼	87	63 - 120
Dimethyl phthalate	0.37	U	3.71	3.21		mg/Kg	☼	87	65 - 120
Di-n-butyl phthalate	0.37	U	3.71	3.45		mg/Kg	☼	93	61 - 120
Di-n-octyl phthalate	0.37	U	3.71	3.85		mg/Kg	☼	104	61 - 123
Fluoranthene	0.37	U	3.71	3.43		mg/Kg	☼	92	61 - 120
Fluorene	0.37	U	3.71	3.20		mg/Kg	☼	86	64 - 120
Hexachlorobenzene	0.037	U	3.71	3.11		mg/Kg	☼	84	66 - 120
Hexachlorobutadiene	0.075	U	3.71	2.91		mg/Kg	☼	78	62 - 120
Hexachlorocyclopentadiene	0.37	U	3.71	0.354	J *	mg/Kg	☼	10	32 - 150
Hexachloroethane	0.037	U	3.71	2.41		mg/Kg	☼	65	61 - 112
Indeno[1,2,3-cd]pyrene	0.037	U	3.71	2.80		mg/Kg	☼	76	63 - 137
Isophorone	0.15	U	3.71	2.97		mg/Kg	☼	80	61 - 120
Naphthalene	0.37	U	3.71	3.07		mg/Kg	☼	83	63 - 113
Nitrobenzene	0.037	U	3.71	3.34		mg/Kg	☼	90	63 - 120
N-Nitrosodi-n-propylamine	0.037	U	3.71	3.36		mg/Kg	☼	91	60 - 120
N-Nitrosodiphenylamine	0.37	U	3.71	3.11		mg/Kg	☼	84	63 - 120
Pentachlorophenol	0.30	U	7.42	5.88		mg/Kg	☼	79	61 - 126
Phenanthrene	0.37	U	3.71	3.22		mg/Kg	☼	87	66 - 120
Phenol	0.37	U	3.71	3.31		mg/Kg	☼	89	63 - 120
Pyrene	0.37	U	3.71	2.72		mg/Kg	☼	73	61 - 121
Pyridine	0.37	U	7.42	4.63		mg/Kg	☼	62	21 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*18 - 137*
2-Fluorobiphenyl	*73*		*33 - 117*
2-Fluorophenol (Surr)	*80*		*24 - 120*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*
Phenol-d5 (Surr)	*79*		*28 - 118*
Terphenyl-d14 (Surr)	*66*		*33 - 124*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-326803-C-1-B MSD
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.37	U	3.70	2.99		mg/Kg	☼	81	64 - 120	3	30
1,2,4,5-Tetrachlorobenzene	0.37	U	3.70	2.93		mg/Kg	☼	79	60 - 120	4	30
1,2-Diphenylhydrazine	0.37	U	3.70	2.92		mg/Kg	☼	79	62 - 118	4	30
1,4-Dioxane	0.037	U	3.70	1.85		mg/Kg	☼	50	31 - 105	5	30
2,2'-oxybis[1-chloropropane]	0.37	U	3.70	3.14		mg/Kg	☼	85	50 - 126	1	30
2,3,4,6-Tetrachlorophenol	0.37	U	3.70	3.30		mg/Kg	☼	89	62 - 120	5	30
2,4,5-Trichlorophenol	0.37	U	3.70	3.08		mg/Kg	☼	83	64 - 120	0	30
2,4,6-Trichlorophenol	0.15	U	3.70	3.09		mg/Kg	☼	83	65 - 120	2	30
2,4-Dichlorophenol	0.15	U	3.70	3.26		mg/Kg	☼	88	66 - 120	2	30
2,4-Dimethylphenol	0.37	U	3.70	3.13		mg/Kg	☼	85	75 - 136	3	30
2,4-Dinitrophenol	0.30	U	7.41	0.551	*	mg/Kg	☼	7	41 - 120	19	30
2,4-Dinitrotoluene	0.075	U	3.70	3.19		mg/Kg	☼	86	65 - 124	2	30
2,6-Dinitrotoluene	0.075	U	3.70	3.13		mg/Kg	☼	85	67 - 121	0	30
2-Chloronaphthalene	0.37	U	3.70	2.99		mg/Kg	☼	81	64 - 120	2	30
2-Chlorophenol	0.37	U	3.70	3.39		mg/Kg	☼	92	63 - 120	0	30
2-Methylnaphthalene	0.37	U *	3.70	3.21		mg/Kg	☼	87	56 - 102	2	30
2-Methylphenol	0.37	U	3.70	3.47		mg/Kg	☼	94	63 - 120	1	30
2-Nitroaniline	0.37	U	3.70	3.08		mg/Kg	☼	83	52 - 120	2	30
2-Nitrophenol	0.37	U	3.70	2.67		mg/Kg	☼	72	64 - 120	2	30
3,3'-Dichlorobenzidine	0.15	U	3.70	3.22		mg/Kg	☼	87	10 - 106	1	30
3-Nitroaniline	0.37	U	3.70	3.19		mg/Kg	☼	86	18 - 105	1	30
4,6-Dinitro-2-methylphenol	0.30	U	7.41	0.749	*	mg/Kg	☼	10	61 - 127	26	30
4-Bromophenyl phenyl ether	0.37	U	3.70	3.09		mg/Kg	☼	83	64 - 120	3	30
4-Chloro-3-methylphenol	0.37	U	3.70	3.41		mg/Kg	☼	92	68 - 120	5	30
4-Chloroaniline	0.37	U	3.70	2.83		mg/Kg	☼	76	10 - 107	4	30
4-Chlorophenyl phenyl ether	0.37	U	3.70	3.20		mg/Kg	☼	86	62 - 120	0	30
4-Methylphenol	0.37	U	3.70	3.56		mg/Kg	☼	96	61 - 120	4	30
4-Nitroaniline	0.37	U	3.70	3.34		mg/Kg	☼	90	51 - 112	5	30
4-Nitrophenol	0.75	U	7.41	6.74		mg/Kg	☼	91	52 - 122	9	30
Acenaphthene	0.37	U	3.70	3.05		mg/Kg	☼	82	65 - 120	2	30
Acenaphthylene	0.37	U	3.70	3.05		mg/Kg	☼	82	68 - 120	1	30
Acetophenone	0.37	U	3.70	3.11		mg/Kg	☼	84	61 - 111	3	30
Anthracene	0.37	U	3.70	3.21		mg/Kg	☼	87	67 - 120	1	30
Atrazine	0.15	U *	1.48	2.57	E *	mg/Kg	☼	173	52 - 150	2	30
Benzaldehyde	0.37	U *	1.48	2.38	E *	mg/Kg	☼	160	45 - 150	0	30
Benzidine	0.37	U	3.70	2.22		mg/Kg	☼	60	10 - 145	6	30
Benzo[a]anthracene	0.037	U	3.70	2.95		mg/Kg	☼	80	66 - 120	0	30
Benzo[a]pyrene	0.037	U	3.70	3.30		mg/Kg	☼	89	69 - 123	1	30
Benzo[b]fluoranthene	0.037	U	3.70	3.27		mg/Kg	☼	88	66 - 125	3	30
Benzo[g,h,i]perylene	0.37	U	3.70	2.66		mg/Kg	☼	72	66 - 138	1	30
Benzo[k]fluoranthene	0.037	U	3.70	3.35		mg/Kg	☼	91	67 - 122	0	30
Bis(2-chloroethoxy)methane	0.37	U	3.70	3.03		mg/Kg	☼	82	62 - 120	1	30
Bis(2-chloroethyl)ether	0.037	U	3.70	3.19		mg/Kg	☼	86	60 - 120	0	30
Bis(2-ethylhexyl) phthalate	0.37	U	3.70	3.01		mg/Kg	☼	81	64 - 125	0	30
Butyl benzyl phthalate	0.025	J	3.70	2.93		mg/Kg	☼	78	62 - 127	0	30
Caprolactam	0.37	U *	1.48	2.96	E *	mg/Kg	☼	200	46 - 150	12	30
Carbazole	0.37	U	3.70	3.36		mg/Kg	☼	91	64 - 120	3	30
Chrysene	0.37	U	3.70	2.90		mg/Kg	☼	78	67 - 120	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-326803-C-1-B MSD
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibenz(a,h)anthracene	0.037	U	3.70	2.95		mg/Kg	☼	80	66 - 128	1	30
Dibenzofuran	0.37	U	3.70	3.15		mg/Kg	☼	85	61 - 120	1	30
Diethyl phthalate	0.37	U	3.70	3.21		mg/Kg	☼	87	63 - 120	1	30
Dimethyl phthalate	0.37	U	3.70	3.12		mg/Kg	☼	84	65 - 120	3	30
Di-n-butyl phthalate	0.37	U	3.70	3.45		mg/Kg	☼	93	61 - 120	0	30
Di-n-octyl phthalate	0.37	U	3.70	3.70		mg/Kg	☼	100	61 - 123	4	30
Fluoranthene	0.37	U	3.70	3.53		mg/Kg	☼	95	61 - 120	3	30
Fluorene	0.37	U	3.70	3.25		mg/Kg	☼	88	64 - 120	2	30
Hexachlorobenzene	0.037	U	3.70	3.08		mg/Kg	☼	83	66 - 120	1	30
Hexachlorobutadiene	0.075	U	3.70	2.90		mg/Kg	☼	78	62 - 120	0	30
Hexachlorocyclopentadiene	0.37	U	3.70	0.334	J *	mg/Kg	☼	9	32 - 150	6	30
Hexachloroethane	0.037	U	3.70	2.38		mg/Kg	☼	64	61 - 112	1	30
Indeno[1,2,3-cd]pyrene	0.037	U	3.70	2.85		mg/Kg	☼	77	63 - 137	2	30
Isophorone	0.15	U	3.70	3.00		mg/Kg	☼	81	61 - 120	1	30
Naphthalene	0.37	U	3.70	3.13		mg/Kg	☼	85	63 - 113	2	30
Nitrobenzene	0.037	U	3.70	3.39		mg/Kg	☼	91	63 - 120	1	30
N-Nitrosodi-n-propylamine	0.037	U	3.70	3.43		mg/Kg	☼	93	60 - 120	2	30
N-Nitrosodiphenylamine	0.37	U	3.70	3.00		mg/Kg	☼	81	63 - 120	4	30
Pentachlorophenol	0.30	U	7.41	6.09		mg/Kg	☼	82	61 - 126	3	30
Phenanthrene	0.37	U	3.70	3.20		mg/Kg	☼	86	66 - 120	1	30
Phenol	0.37	U	3.70	3.31		mg/Kg	☼	89	63 - 120	0	30
Pyrene	0.37	U	3.70	2.70		mg/Kg	☼	73	61 - 121	1	30
Pyridine	0.37	U	7.41	4.40		mg/Kg	☼	59	21 - 120	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*18 - 137*
2-Fluorobiphenyl	*71*		*33 - 117*
2-Fluorophenol (Surr)	*79*		*24 - 120*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*
Phenol-d5 (Surr)	*80*		*28 - 118*
Terphenyl-d14 (Surr)	*65*		*33 - 124*

Lab Sample ID: MB 460-1040352/1-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
1,2-Diphenylhydrazine	0.33	U	0.33	0.013	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		05/29/25 20:31	05/30/25 07:20	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1040352/1-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Benzidine	0.33	U	0.33	0.069	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		05/29/25 20:31	05/30/25 07:20	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1040352/1-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Phenol	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Pyridine	0.33	U	0.33	0.047	mg/Kg		05/29/25 20:31	05/30/25 07:20	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/29/25 20:31*	*05/30/25 07:20*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*05/29/25 20:31*	*05/30/25 07:20*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*05/29/25 20:31*	*05/30/25 07:20*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*05/29/25 20:31*	*05/30/25 07:20*	*1*
Nitrobenzene-d5 (Surr)	*57*		*27 - 120*	*05/29/25 20:31*	*05/30/25 07:20*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*05/29/25 20:31*	*05/30/25 07:20*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*05/29/25 20:31*	*05/30/25 07:20*	*1*

Lab Sample ID: LCS 460-1040352/2-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.43		mg/Kg		73	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.53		mg/Kg		76	60 - 120
1,2-Diphenylhydrazine	3.33	2.14		mg/Kg		64	62 - 118
1,4-Dioxane	3.33	1.72		mg/Kg		51	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.04		mg/Kg		61	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.62		mg/Kg		79	62 - 120
2,4,5-Trichlorophenol	3.33	2.60		mg/Kg		78	64 - 120
2,4,6-Trichlorophenol	3.33	2.54		mg/Kg		76	65 - 120
2,4-Dichlorophenol	3.33	2.63		mg/Kg		79	66 - 120
2,4-Dimethylphenol	3.33	2.44	*	mg/Kg		73	75 - 136
2,4-Dinitrophenol	6.67	4.76		mg/Kg		71	41 - 120
2,4-Dinitrotoluene	3.33	2.68		mg/Kg		80	65 - 124
2,6-Dinitrotoluene	3.33	2.61		mg/Kg		78	67 - 121
2-Chloronaphthalene	3.33	2.47		mg/Kg		74	64 - 120
2-Chlorophenol	3.33	2.53		mg/Kg		76	63 - 120
2-Methylnaphthalene	3.33	2.53		mg/Kg		76	56 - 102
2-Methylphenol	3.33	2.42		mg/Kg		73	63 - 120
2-Nitroaniline	3.33	2.17		mg/Kg		65	52 - 120
2-Nitrophenol	3.33	2.48		mg/Kg		74	64 - 120
3,3'-Dichlorobenzidine	3.33	1.98		mg/Kg		59	10 - 106

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1040352/2-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Nitroaniline	3.33	2.24		mg/Kg		67	18 - 105
4,6-Dinitro-2-methylphenol	6.67	5.57		mg/Kg		84	61 - 127
4-Bromophenyl phenyl ether	3.33	2.70		mg/Kg		81	64 - 120
4-Chloro-3-methylphenol	3.33	2.54		mg/Kg		76	68 - 120
4-Chloroaniline	3.33	2.11		mg/Kg		63	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.63		mg/Kg		79	62 - 120
4-Methylphenol	3.33	2.46		mg/Kg		74	61 - 120
4-Nitroaniline	3.33	2.45		mg/Kg		73	51 - 112
4-Nitrophenol	6.67	4.37		mg/Kg		66	52 - 122
Acenaphthene	3.33	2.39		mg/Kg		72	65 - 120
Acenaphthylene	3.33	2.42		mg/Kg		72	68 - 120
Acetophenone	3.33	2.16		mg/Kg		65	61 - 111
Anthracene	3.33	2.54		mg/Kg		76	67 - 120
Atrazine	1.33	1.63		mg/Kg		122	52 - 150
Benzaldehyde	1.33	1.18		mg/Kg		89	45 - 150
Benzidine	3.33	1.78		mg/Kg		53	10 - 145
Benzo[a]anthracene	3.33	2.48		mg/Kg		74	66 - 120
Benzo[a]pyrene	3.33	2.77		mg/Kg		83	69 - 123
Benzo[b]fluoranthene	3.33	2.69		mg/Kg		81	66 - 125
Benzo[g,h,i]perylene	3.33	2.73		mg/Kg		82	66 - 138
Benzo[k]fluoranthene	3.33	2.68		mg/Kg		80	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.34		mg/Kg		70	62 - 120
Bis(2-chloroethyl)ether	3.33	2.27		mg/Kg		68	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.40		mg/Kg		72	64 - 125
Butyl benzyl phthalate	3.33	2.40		mg/Kg		72	62 - 127
Caprolactam	1.33	1.40		mg/Kg		105	46 - 150
Carbazole	3.33	2.59		mg/Kg		78	64 - 120
Chrysene	3.33	2.41		mg/Kg		72	67 - 120
Dibenz(a,h)anthracene	3.33	2.75		mg/Kg		83	66 - 128
Dibenzofuran	3.33	2.48		mg/Kg		75	61 - 120
Diethyl phthalate	3.33	2.49		mg/Kg		75	63 - 120
Dimethyl phthalate	3.33	2.51		mg/Kg		75	65 - 120
Di-n-butyl phthalate	3.33	2.59		mg/Kg		78	61 - 120
Di-n-octyl phthalate	3.33	2.58		mg/Kg		77	61 - 123
Fluoranthene	3.33	2.68		mg/Kg		80	61 - 120
Fluorene	3.33	2.50		mg/Kg		75	64 - 120
Hexachlorobenzene	3.33	2.82		mg/Kg		85	66 - 120
Hexachlorobutadiene	3.33	2.59		mg/Kg		78	62 - 120
Hexachlorocyclopentadiene	3.33	2.13		mg/Kg		64	32 - 150
Hexachloroethane	3.33	2.35		mg/Kg		71	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	2.79		mg/Kg		84	63 - 137
Isophorone	3.33	2.25		mg/Kg		67	61 - 120
Naphthalene	3.33	2.42		mg/Kg		73	63 - 113
Nitrobenzene	3.33	2.48		mg/Kg		75	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.21		mg/Kg		66	60 - 120
N-Nitrosodiphenylamine	3.33	2.49		mg/Kg		75	63 - 120
Pentachlorophenol	6.67	5.44		mg/Kg		82	61 - 126
Phenanthrene	3.33	2.53		mg/Kg		76	66 - 120
Phenol	3.33	2.37		mg/Kg		71	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1040352/2-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040352

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Pyrene			3.33	2.40		mg/Kg		72	61 - 121		
Pyridine			6.67	4.08		mg/Kg		61	21 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*18 - 137*
2-Fluorobiphenyl	*68*		*33 - 117*
2-Fluorophenol (Surr)	*68*		*24 - 120*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*
Phenol-d5 (Surr)	*66*		*28 - 118*
Terphenyl-d14 (Surr)	*69*		*33 - 124*

Lab Sample ID: LCSD 460-1040352/3-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040352

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.49		mg/Kg		75	64 - 120	2	30
1,2,4,5-Tetrachlorobenzene			3.33	2.57		mg/Kg		77	60 - 120	1	30
1,2-Diphenylhydrazine			3.33	2.19		mg/Kg		66	62 - 118	2	30
1,4-Dioxane			3.33	1.74		mg/Kg		52	31 - 105	1	30
2,2'-oxybis[1-chloropropane]			3.33	2.02		mg/Kg		61	50 - 126	1	30
2,3,4,6-Tetrachlorophenol			3.33	2.61		mg/Kg		78	62 - 120	0	30
2,4,5-Trichlorophenol			3.33	2.57		mg/Kg		77	64 - 120	1	30
2,4,6-Trichlorophenol			3.33	2.61		mg/Kg		78	65 - 120	3	30
2,4-Dichlorophenol			3.33	2.61		mg/Kg		78	66 - 120	1	30
2,4-Dimethylphenol			3.33	2.47	*	mg/Kg		74	75 - 136	1	30
2,4-Dinitrophenol			6.67	4.84		mg/Kg		73	41 - 120	2	30
2,4-Dinitrotoluene			3.33	2.71		mg/Kg		81	65 - 124	1	30
2,6-Dinitrotoluene			3.33	2.61		mg/Kg		78	67 - 121	0	30
2-Chloronaphthalene			3.33	2.48		mg/Kg		74	64 - 120	0	30
2-Chlorophenol			3.33	2.52		mg/Kg		75	63 - 120	1	30
2-Methylnaphthalene			3.33	2.51		mg/Kg		75	56 - 102	1	30
2-Methylphenol			3.33	2.40		mg/Kg		72	63 - 120	1	30
2-Nitroaniline			3.33	2.16		mg/Kg		65	52 - 120	1	30
2-Nitrophenol			3.33	2.57		mg/Kg		77	64 - 120	4	30
3,3'-Dichlorobenzidine			3.33	1.92		mg/Kg		57	10 - 106	3	30
3-Nitroaniline			3.33	2.20		mg/Kg		66	18 - 105	2	30
4,6-Dinitro-2-methylphenol			6.67	5.65		mg/Kg		85	61 - 127	1	30
4-Bromophenyl phenyl ether			3.33	2.73		mg/Kg		82	64 - 120	1	30
4-Chloro-3-methylphenol			3.33	2.46		mg/Kg		74	68 - 120	3	30
4-Chloroaniline			3.33	2.08		mg/Kg		62	10 - 107	1	30
4-Chlorophenyl phenyl ether			3.33	2.65		mg/Kg		79	62 - 120	1	30
4-Methylphenol			3.33	2.45		mg/Kg		73	61 - 120	0	30
4-Nitroaniline			3.33	2.39		mg/Kg		72	51 - 112	3	30
4-Nitrophenol			6.67	4.28		mg/Kg		64	52 - 122	2	30
Acenaphthene			3.33	2.42		mg/Kg		72	65 - 120	1	30
Acenaphthylene			3.33	2.42		mg/Kg		73	68 - 120	0	30
Acetophenone			3.33	2.18		mg/Kg		65	61 - 111	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1040352/3-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040352

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene			3.33	2.52		mg/Kg		76	67 - 120	1	30
Atrazine			1.33	1.64		mg/Kg		123	52 - 150	0	30
Benzaldehyde			1.33	1.17		mg/Kg		88	45 - 150	1	30
Benzidine			3.33	1.72		mg/Kg		52	10 - 145	3	30
Benzo[a]anthracene			3.33	2.39		mg/Kg		72	66 - 120	4	30
Benzo[a]pyrene			3.33	2.75		mg/Kg		82	69 - 123	1	30
Benzo[b]fluoranthene			3.33	2.59		mg/Kg		78	66 - 125	4	30
Benzo[g,h,i]perylene			3.33	2.79		mg/Kg		84	66 - 138	2	30
Benzo[k]fluoranthene			3.33	2.76		mg/Kg		83	67 - 122	3	30
Bis(2-chloroethoxy)methane			3.33	2.31		mg/Kg		69	62 - 120	1	30
Bis(2-chloroethyl)ether			3.33	2.24		mg/Kg		67	60 - 120	2	30
Bis(2-ethylhexyl) phthalate			3.33	2.34		mg/Kg		70	64 - 125	3	30
Butyl benzyl phthalate			3.33	2.35		mg/Kg		70	62 - 127	2	30
Caprolactam			1.33	1.34		mg/Kg		101	46 - 150	4	30
Carbazole			3.33	2.58		mg/Kg		77	64 - 120	0	30
Chrysene			3.33	2.38		mg/Kg		71	67 - 120	1	30
Dibenz(a,h)anthracene			3.33	2.74		mg/Kg		82	66 - 128	0	30
Dibenzofuran			3.33	2.49		mg/Kg		75	61 - 120	0	30
Diethyl phthalate			3.33	2.45		mg/Kg		74	63 - 120	2	30
Dimethyl phthalate			3.33	2.52		mg/Kg		76	65 - 120	0	30
Di-n-butyl phthalate			3.33	2.60		mg/Kg		78	61 - 120	0	30
Di-n-octyl phthalate			3.33	2.61		mg/Kg		78	61 - 123	1	30
Fluoranthene			3.33	2.65		mg/Kg		80	61 - 120	1	30
Fluorene			3.33	2.48		mg/Kg		74	64 - 120	1	30
Hexachlorobenzene			3.33	2.80		mg/Kg		84	66 - 120	1	30
Hexachlorobutadiene			3.33	2.60		mg/Kg		78	62 - 120	1	30
Hexachlorocyclopentadiene			3.33	2.16		mg/Kg		65	32 - 150	2	30
Hexachloroethane			3.33	2.35		mg/Kg		70	61 - 112	0	30
Indeno[1,2,3-cd]pyrene			3.33	2.81		mg/Kg		84	63 - 137	1	30
Isophorone			3.33	2.26		mg/Kg		68	61 - 120	0	30
Naphthalene			3.33	2.43		mg/Kg		73	63 - 113	0	30
Nitrobenzene			3.33	2.46		mg/Kg		74	63 - 120	1	30
N-Nitrosodi-n-propylamine			3.33	2.20		mg/Kg		66	60 - 120	0	30
N-Nitrosodiphenylamine			3.33	2.56		mg/Kg		77	63 - 120	3	30
Pentachlorophenol			6.67	5.39		mg/Kg		81	61 - 126	1	30
Phenanthrene			3.33	2.53		mg/Kg		76	66 - 120	0	30
Phenol			3.33	2.35		mg/Kg		70	63 - 120	1	30
Pyrene			3.33	2.39		mg/Kg		72	61 - 121	0	30
Pyridine			6.67	4.16		mg/Kg		62	21 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*18 - 137*
2-Fluorobiphenyl	*69*		*33 - 117*
2-Fluorophenol (Surr)	*69*		*24 - 120*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*
Phenol-d5 (Surr)	*65*		*28 - 118*
Terphenyl-d14 (Surr)	*68*		*33 - 124*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-326691-16 MS
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.36	U	3.60	2.48		mg/Kg	☼	69	64 - 120
1,2,4,5-Tetrachlorobenzene	0.36	U	3.60	2.58		mg/Kg	☼	72	60 - 120
1,2-Diphenylhydrazine	0.36	U	3.60	2.26		mg/Kg	☼	63	62 - 118
1,4-Dioxane	0.036	U	3.60	1.59		mg/Kg	☼	44	31 - 105
2,2'-oxybis[1-chloropropane]	0.36	U	3.60	2.02		mg/Kg	☼	56	50 - 126
2,3,4,6-Tetrachlorophenol	0.36	U	3.60	2.74		mg/Kg	☼	76	62 - 120
2,4,5-Trichlorophenol	0.36	U	3.60	2.67		mg/Kg	☼	74	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.60	2.64		mg/Kg	☼	73	65 - 120
2,4-Dichlorophenol	0.14	U	3.60	2.63		mg/Kg	☼	73	66 - 120
2,4-Dimethylphenol	0.36	U *	3.60	2.51	*	mg/Kg	☼	70	75 - 136
2,4-Dinitrophenol	0.29	U	7.20	4.67		mg/Kg	☼	65	41 - 120
2,4-Dinitrotoluene	0.072	U	3.60	2.82		mg/Kg	☼	78	65 - 124
2,6-Dinitrotoluene	0.072	U	3.60	2.75		mg/Kg	☼	76	67 - 121
2-Chloronaphthalene	0.36	U	3.60	2.48		mg/Kg	☼	69	64 - 120
2-Chlorophenol	0.36	U	3.60	2.56		mg/Kg	☼	71	63 - 120
2-Methylnaphthalene	0.36	U	3.60	2.50		mg/Kg	☼	70	56 - 102
2-Methylphenol	0.36	U	3.60	2.43		mg/Kg	☼	67	63 - 120
2-Nitroaniline	0.36	U	3.60	2.20		mg/Kg	☼	61	52 - 120
2-Nitrophenol	0.36	U	3.60	2.48		mg/Kg	☼	69	64 - 120
3,3'-Dichlorobenzidine	0.14	U	3.60	1.69		mg/Kg	☼	47	10 - 106
3-Nitroaniline	0.36	U	3.60	2.23		mg/Kg	☼	62	18 - 105
4,6-Dinitro-2-methylphenol	0.29	U	7.20	5.83		mg/Kg	☼	81	61 - 127
4-Bromophenyl phenyl ether	0.36	U	3.60	2.82		mg/Kg	☼	78	64 - 120
4-Chloro-3-methylphenol	0.36	U	3.60	2.58		mg/Kg	☼	72	68 - 120
4-Chloroaniline	0.36	U	3.60	1.85		mg/Kg	☼	51	10 - 107
4-Chlorophenyl phenyl ether	0.36	U	3.60	2.72		mg/Kg	☼	76	62 - 120
4-Methylphenol	0.36	U	3.60	2.54		mg/Kg	☼	71	61 - 120
4-Nitroaniline	0.36	U	3.60	2.54		mg/Kg	☼	71	51 - 112
4-Nitrophenol	0.72	U	7.20	4.46		mg/Kg	☼	62	52 - 122
Acenaphthene	0.36	U	3.60	2.44		mg/Kg	☼	68	65 - 120
Acenaphthylene	0.36	U	3.60	2.45		mg/Kg	☼	68	68 - 120
Acetophenone	0.36	U	3.60	2.18	*	mg/Kg	☼	60	61 - 111
Anthracene	0.36	U	3.60	2.73		mg/Kg	☼	76	67 - 120
Atrazine	0.14	U	1.44	1.98		mg/Kg	☼	138	52 - 150
Benzaldehyde	0.36	U	1.44	1.43	E	mg/Kg	☼	99	45 - 150
Benzidine	0.36	U	3.60	2.11		mg/Kg	☼	59	10 - 145
Benzo[a]anthracene	0.036	U	3.60	2.61		mg/Kg	☼	73	66 - 120
Benzo[a]pyrene	0.036	U	3.60	2.98		mg/Kg	☼	83	69 - 123
Benzo[b]fluoranthene	0.036	U	3.60	2.88		mg/Kg	☼	80	66 - 125
Benzo[g,h,i]perylene	0.36	U	3.60	2.80		mg/Kg	☼	78	66 - 138
Benzo[k]fluoranthene	0.036	U	3.60	2.86		mg/Kg	☼	79	67 - 122
Bis(2-chloroethoxy)methane	0.36	U	3.60	2.30		mg/Kg	☼	64	62 - 120
Bis(2-chloroethyl)ether	0.036	U	3.60	2.29		mg/Kg	☼	64	60 - 120
Bis(2-ethylhexyl) phthalate	0.36	U	3.60	2.51		mg/Kg	☼	70	64 - 125
Butyl benzyl phthalate	0.36	U	3.60	2.52		mg/Kg	☼	70	62 - 127
Caprolactam	0.36	U	1.44	1.64		mg/Kg	☼	114	46 - 150
Carbazole	0.36	U	3.60	2.76		mg/Kg	☼	77	64 - 120
Chrysene	0.36	U	3.60	2.57		mg/Kg	☼	71	67 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-326691-16 MS
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenz(a,h)anthracene	0.036	U	3.60	2.89		mg/Kg	☼	80	66 - 128
Dibenzofuran	0.36	U	3.60	2.57		mg/Kg	☼	72	61 - 120
Diethyl phthalate	0.36	U	3.60	2.61		mg/Kg	☼	73	63 - 120
Dimethyl phthalate	0.36	U	3.60	2.67		mg/Kg	☼	74	65 - 120
Di-n-butyl phthalate	0.36	U	3.60	2.78		mg/Kg	☼	77	61 - 120
Di-n-octyl phthalate	0.36	U	3.60	2.81		mg/Kg	☼	78	61 - 123
Fluoranthene	0.36	U	3.60	2.84		mg/Kg	☼	79	61 - 120
Fluorene	0.36	U	3.60	2.60		mg/Kg	☼	72	64 - 120
Hexachlorobenzene	0.036	U	3.60	2.95		mg/Kg	☼	82	66 - 120
Hexachlorobutadiene	0.072	U	3.60	2.55		mg/Kg	☼	71	62 - 120
Hexachlorocyclopentadiene	0.36	U	3.60	2.09		mg/Kg	☼	58	32 - 150
Hexachloroethane	0.036	U	3.60	2.33		mg/Kg	☼	65	61 - 112
Indeno[1,2,3-cd]pyrene	0.036	U	3.60	2.94		mg/Kg	☼	82	63 - 137
Isophorone	0.14	U	3.60	2.22		mg/Kg	☼	62	61 - 120
Naphthalene	0.36	U	3.60	2.43		mg/Kg	☼	67	63 - 113
Nitrobenzene	0.036	U	3.60	2.45		mg/Kg	☼	68	63 - 120
N-Nitrosodi-n-propylamine	0.036	U	3.60	2.24		mg/Kg	☼	62	60 - 120
N-Nitrosodiphenylamine	0.36	U	3.60	2.74		mg/Kg	☼	76	63 - 120
Pentachlorophenol	0.29	U	7.20	5.64		mg/Kg	☼	78	61 - 126
Phenanthrene	0.36	U	3.60	2.72		mg/Kg	☼	76	66 - 120
Phenol	0.36	U	3.60	2.41		mg/Kg	☼	67	63 - 120
Pyrene	0.36	U	3.60	2.59		mg/Kg	☼	72	61 - 121
Pyridine	0.36	U	7.20	3.83		mg/Kg	☼	53	21 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*
2-Fluorobiphenyl	*61*		*33 - 117*
2-Fluorophenol (Surr)	*62*		*24 - 120*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*
Phenol-d5 (Surr)	*59*		*28 - 118*
Terphenyl-d14 (Surr)	*64*		*33 - 124*

Lab Sample ID: 460-326691-16 MSD
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.36	U	3.60	2.40		mg/Kg	☼	67	64 - 120	3	30
1,2,4,5-Tetrachlorobenzene	0.36	U	3.60	2.48		mg/Kg	☼	69	60 - 120	4	30
1,2-Diphenylhydrazine	0.36	U	3.60	2.16	*	mg/Kg	☼	60	62 - 118	5	30
1,4-Dioxane	0.036	U	3.60	1.55		mg/Kg	☼	43	31 - 105	2	30
2,2'-oxybis[1-chloropropane]	0.36	U	3.60	1.96		mg/Kg	☼	54	50 - 126	3	30
2,3,4,6-Tetrachlorophenol	0.36	U	3.60	2.63		mg/Kg	☼	73	62 - 120	4	30
2,4,5-Trichlorophenol	0.36	U	3.60	2.53		mg/Kg	☼	70	64 - 120	5	30
2,4,6-Trichlorophenol	0.14	U	3.60	2.51		mg/Kg	☼	70	65 - 120	5	30
2,4-Dichlorophenol	0.14	U	3.60	2.56		mg/Kg	☼	71	66 - 120	2	30
2,4-Dimethylphenol	0.36	U *	3.60	2.36	*	mg/Kg	☼	66	75 - 136	6	30
2,4-Dinitrophenol	0.29	U	7.20	4.43		mg/Kg	☼	62	41 - 120	5	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-326691-16 MSD
Client Sample ID: A3_10-15_20250520
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040410
Prep Batch: 1040352

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	0.072	U	3.60	2.66		mg/Kg	☼	74	65 - 124	6	30
2,6-Dinitrotoluene	0.072	U	3.60	2.61		mg/Kg	☼	73	67 - 121	5	30
2-Chloronaphthalene	0.36	U	3.60	2.38		mg/Kg	☼	66	64 - 120	4	30
2-Chlorophenol	0.36	U	3.60	2.48		mg/Kg	☼	69	63 - 120	3	30
2-Methylnaphthalene	0.36	U	3.60	2.40		mg/Kg	☼	67	56 - 102	4	30
2-Methylphenol	0.36	U	3.60	2.37		mg/Kg	☼	66	63 - 120	2	30
2-Nitroaniline	0.36	U	3.60	2.09		mg/Kg	☼	58	52 - 120	5	30
2-Nitrophenol	0.36	U	3.60	2.46		mg/Kg	☼	68	64 - 120	1	30
3,3'-Dichlorobenzidine	0.14	U	3.60	1.73		mg/Kg	☼	48	10 - 106	2	30
3-Nitroaniline	0.36	U	3.60	2.17		mg/Kg	☼	60	18 - 105	3	30
4,6-Dinitro-2-methylphenol	0.29	U	7.20	5.56		mg/Kg	☼	77	61 - 127	5	30
4-Bromophenyl phenyl ether	0.36	U	3.60	2.74		mg/Kg	☼	76	64 - 120	3	30
4-Chloro-3-methylphenol	0.36	U	3.60	2.45		mg/Kg	☼	68	68 - 120	5	30
4-Chloroaniline	0.36	U	3.60	1.95		mg/Kg	☼	54	10 - 107	5	30
4-Chlorophenyl phenyl ether	0.36	U	3.60	2.63		mg/Kg	☼	73	62 - 120	3	30
4-Methylphenol	0.36	U	3.60	2.43		mg/Kg	☼	68	61 - 120	4	30
4-Nitroaniline	0.36	U	3.60	2.40		mg/Kg	☼	67	51 - 112	5	30
4-Nitrophenol	0.72	U	7.20	4.27		mg/Kg	☼	59	52 - 122	4	30
Acenaphthene	0.36	U	3.60	2.40		mg/Kg	☼	67	65 - 120	2	30
Acenaphthylene	0.36	U	3.60	2.36	*	mg/Kg	☼	65	68 - 120	4	30
Acetophenone	0.36	U	3.60	2.08	*	mg/Kg	☼	58	61 - 111	5	30
Anthracene	0.36	U	3.60	2.59		mg/Kg	☼	72	67 - 120	5	30
Atrazine	0.14	U	1.44	2.17	*	mg/Kg	☼	151	52 - 150	9	30
Benzaldehyde	0.36	U	1.44	1.55	E	mg/Kg	☼	107	45 - 150	8	30
Benzidine	0.36	U	3.60	2.04		mg/Kg	☼	57	10 - 145	3	30
Benzo[a]anthracene	0.036	U	3.60	2.48		mg/Kg	☼	69	66 - 120	5	30
Benzo[a]pyrene	0.036	U	3.60	2.80		mg/Kg	☼	78	69 - 123	6	30
Benzo[b]fluoranthene	0.036	U	3.60	2.66		mg/Kg	☼	74	66 - 125	8	30
Benzo[g,h,i]perylene	0.36	U	3.60	2.68		mg/Kg	☼	74	66 - 138	4	30
Benzo[k]fluoranthene	0.036	U	3.60	2.87		mg/Kg	☼	80	67 - 122	0	30
Bis(2-chloroethoxy)methane	0.36	U	3.60	2.26		mg/Kg	☼	63	62 - 120	2	30
Bis(2-chloroethyl)ether	0.036	U	3.60	2.21		mg/Kg	☼	61	60 - 120	4	30
Bis(2-ethylhexyl) phthalate	0.36	U	3.60	2.43		mg/Kg	☼	68	64 - 125	3	30
Butyl benzyl phthalate	0.36	U	3.60	2.42		mg/Kg	☼	67	62 - 127	4	30
Caprolactam	0.36	U	1.44	1.76		mg/Kg	☼	122	46 - 150	7	30
Carbazole	0.36	U	3.60	2.60		mg/Kg	☼	72	64 - 120	6	30
Chrysene	0.36	U	3.60	2.45		mg/Kg	☼	68	67 - 120	5	30
Dibenz(a,h)anthracene	0.036	U	3.60	2.74		mg/Kg	☼	76	66 - 128	5	30
Dibenzofuran	0.36	U	3.60	2.46		mg/Kg	☼	68	61 - 120	5	30
Diethyl phthalate	0.36	U	3.60	2.51		mg/Kg	☼	70	63 - 120	4	30
Dimethyl phthalate	0.36	U	3.60	2.53		mg/Kg	☼	70	65 - 120	5	30
Di-n-butyl phthalate	0.36	U	3.60	2.66		mg/Kg	☼	74	61 - 120	4	30
Di-n-octyl phthalate	0.36	U	3.60	2.71		mg/Kg	☼	75	61 - 123	4	30
Fluoranthene	0.36	U	3.60	2.70		mg/Kg	☼	75	61 - 120	5	30
Fluorene	0.36	U	3.60	2.49		mg/Kg	☼	69	64 - 120	4	30
Hexachlorobenzene	0.036	U	3.60	2.88		mg/Kg	☼	80	66 - 120	3	30
Hexachlorobutadiene	0.072	U	3.60	2.51		mg/Kg	☼	70	62 - 120	2	30
Hexachlorocyclopentadiene	0.36	U	3.60	2.10		mg/Kg	☼	58	32 - 150	0	30
Hexachloroethane	0.036	U	3.60	2.23		mg/Kg	☼	62	61 - 112	4	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-326691-16 MSD
Client Sample ID: A3_10-15_20250520
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040410
Prep Batch: 1040352

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Indeno[1,2,3-cd]pyrene	0.036	U	3.60	2.66		mg/Kg	☼	74	63 - 137	10	30
Isophorone	0.14	U	3.60	2.16	*	mg/Kg	☼	60	61 - 120	3	30
Naphthalene	0.36	U	3.60	2.33		mg/Kg	☼	65	63 - 113	4	30
Nitrobenzene	0.036	U	3.60	2.37		mg/Kg	☼	66	63 - 120	3	30
N-Nitrosodi-n-propylamine	0.036	U	3.60	2.14	*	mg/Kg	☼	59	60 - 120	5	30
N-Nitrosodiphenylamine	0.36	U	3.60	2.58		mg/Kg	☼	72	63 - 120	6	30
Pentachlorophenol	0.29	U	7.20	5.39		mg/Kg	☼	75	61 - 126	5	30
Phenanthrene	0.36	U	3.60	2.60		mg/Kg	☼	72	66 - 120	5	30
Phenol	0.36	U	3.60	2.35		mg/Kg	☼	65	63 - 120	3	30
Pyrene	0.36	U	3.60	2.47		mg/Kg	☼	69	61 - 121	4	30
Pyridine	0.36	U	7.20	3.70		mg/Kg	☼	51	21 - 120	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*18 - 137*
2-Fluorobiphenyl	*65*		*33 - 117*
2-Fluorophenol (Surr)	*65*		*24 - 120*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*
Phenol-d5 (Surr)	*62*		*28 - 118*
Terphenyl-d14 (Surr)	*69*		*33 - 124*

Lab Sample ID: MB 460-1040354/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040407
Prep Batch: 1040354

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
1,2-Diphenylhydrazine	0.33	U	0.33	0.013	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		05/29/25 20:32	05/30/25 09:31	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1040354/1-A
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Benzidine	0.33	U	0.33	0.069	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Phenol	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Pyridine	0.33	U	0.33	0.047	mg/Kg		05/29/25 20:32	05/30/25 09:31	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1040354/1-A
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040354

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg			N/A	05/29/25 20:32	05/30/25 09:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	71		18 - 137	05/29/25 20:32	05/30/25 09:31	1
2-Fluorobiphenyl	74		33 - 117	05/29/25 20:32	05/30/25 09:31	1
2-Fluorophenol (Surr)	78		24 - 120	05/29/25 20:32	05/30/25 09:31	1
Nitrobenzene-d5 (Surr)	73		27 - 120	05/29/25 20:32	05/30/25 09:31	1
Phenol-d5 (Surr)	75		28 - 118	05/29/25 20:32	05/30/25 09:31	1
Terphenyl-d14 (Surr)	72		33 - 124	05/29/25 20:32	05/30/25 09:31	1

Lab Sample ID: LCS 460-1040354/2-A
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.85		mg/Kg		86	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.82		mg/Kg		85	60 - 120
1,2-Diphenylhydrazine	3.33	2.99		mg/Kg		90	62 - 118
1,4-Dioxane	3.33	2.63		mg/Kg		79	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.79		mg/Kg		84	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.96		mg/Kg		89	62 - 120
2,4,5-Trichlorophenol	3.33	2.93		mg/Kg		88	64 - 120
2,4,6-Trichlorophenol	3.33	2.97		mg/Kg		89	65 - 120
2,4-Dichlorophenol	3.33	2.98		mg/Kg		89	66 - 120
2,4-Dimethylphenol	3.33	2.88		mg/Kg		86	75 - 136
2,4-Dinitrophenol	6.67	5.97		mg/Kg		90	41 - 120
2,4-Dinitrotoluene	3.33	3.17		mg/Kg		95	65 - 124
2,6-Dinitrotoluene	3.33	3.03		mg/Kg		91	67 - 121
2-Chloronaphthalene	3.33	2.83		mg/Kg		85	64 - 120
2-Chlorophenol	3.33	2.91		mg/Kg		87	63 - 120
2-Methylnaphthalene	3.33	2.86		mg/Kg		86	56 - 102
2-Methylphenol	3.33	2.98		mg/Kg		89	63 - 120
2-Nitroaniline	3.33	3.00		mg/Kg		90	52 - 120
2-Nitrophenol	3.33	2.79		mg/Kg		84	64 - 120
3,3'-Dichlorobenzidine	3.33	2.77		mg/Kg		83	10 - 106
3-Nitroaniline	3.33	2.89		mg/Kg		87	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.67		mg/Kg		100	61 - 127
4-Bromophenyl phenyl ether	3.33	3.05		mg/Kg		91	64 - 120
4-Chloro-3-methylphenol	3.33	3.01		mg/Kg		90	68 - 120
4-Chloroaniline	3.33	2.70		mg/Kg		81	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.93		mg/Kg		88	62 - 120
4-Methylphenol	3.33	2.99		mg/Kg		90	61 - 120
4-Nitroaniline	3.33	2.97		mg/Kg		89	51 - 112
4-Nitrophenol	6.67	6.00		mg/Kg		90	52 - 122
Acenaphthene	3.33	2.88		mg/Kg		86	65 - 120
Acenaphthylene	3.33	2.88		mg/Kg		86	68 - 120
Acetophenone	3.33	2.62		mg/Kg		79	61 - 111
Anthracene	3.33	3.09		mg/Kg		93	67 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1040354/2-A
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Atrazine	1.33	1.98		mg/Kg		149	52 - 150
Benzaldehyde	1.33	1.70		mg/Kg		127	45 - 150
Benzidine	3.33	2.52		mg/Kg		76	10 - 145
Benzo[a]anthracene	3.33	2.78		mg/Kg		83	66 - 120
Benzo[a]pyrene	3.33	3.21		mg/Kg		96	69 - 123
Benzo[b]fluoranthene	3.33	3.08		mg/Kg		92	66 - 125
Benzo[g,h,i]perylene	3.33	3.15		mg/Kg		94	66 - 138
Benzo[k]fluoranthene	3.33	3.26		mg/Kg		98	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.81		mg/Kg		84	62 - 120
Bis(2-chloroethyl)ether	3.33	2.85		mg/Kg		85	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.86		mg/Kg		86	64 - 125
Butyl benzyl phthalate	3.33	2.86		mg/Kg		86	62 - 127
Caprolactam	1.33	1.82		mg/Kg		137	46 - 150
Carbazole	3.33	3.11		mg/Kg		93	64 - 120
Chrysene	3.33	2.81		mg/Kg		84	67 - 120
Dibenz(a,h)anthracene	3.33	3.10		mg/Kg		93	66 - 128
Dibenzofuran	3.33	2.92		mg/Kg		88	61 - 120
Diethyl phthalate	3.33	2.96		mg/Kg		89	63 - 120
Dimethyl phthalate	3.33	2.90		mg/Kg		87	65 - 120
Di-n-butyl phthalate	3.33	3.15		mg/Kg		95	61 - 120
Di-n-octyl phthalate	3.33	3.07		mg/Kg		92	61 - 123
Fluoranthene	3.33	3.08		mg/Kg		92	61 - 120
Fluorene	3.33	2.92		mg/Kg		88	64 - 120
Hexachlorobenzene	3.33	2.99		mg/Kg		90	66 - 120
Hexachlorobutadiene	3.33	2.73		mg/Kg		82	62 - 120
Hexachlorocyclopentadiene	3.33	2.71		mg/Kg		81	32 - 150
Hexachloroethane	3.33	2.81		mg/Kg		84	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	2.90		mg/Kg		87	63 - 137
Isophorone	3.33	2.80		mg/Kg		84	61 - 120
Naphthalene	3.33	2.80		mg/Kg		84	63 - 113
Nitrobenzene	3.33	2.91		mg/Kg		87	63 - 120
N-Nitrosodi-n-propylamine	3.33	3.06		mg/Kg		92	60 - 120
N-Nitrosodiphenylamine	3.33	3.06		mg/Kg		92	63 - 120
Pentachlorophenol	6.67	6.39		mg/Kg		96	61 - 126
Phenanthrene	3.33	3.05		mg/Kg		91	66 - 120
Phenol	3.33	2.90		mg/Kg		87	63 - 120
Pyrene	3.33	2.81		mg/Kg		84	61 - 121
Pyridine	6.67	5.33		mg/Kg		80	21 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*81*		*18 - 137*
2-Fluorobiphenyl	*76*		*33 - 117*
2-Fluorophenol (Surr)	*77*		*24 - 120*
Nitrobenzene-d5 (Surr)	*74*		*27 - 120*
Phenol-d5 (Surr)	*77*		*28 - 118*
Terphenyl-d14 (Surr)	*71*		*33 - 124*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1040354/3-A
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040354

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.77		mg/Kg		83	64 - 120	3	30
1,2,4,5-Tetrachlorobenzene			3.33	2.73		mg/Kg		82	60 - 120	3	30
1,2-Diphenylhydrazine			3.33	2.98		mg/Kg		89	62 - 118	0	30
1,4-Dioxane			3.33	2.47		mg/Kg		74	31 - 105	6	30
2,2'-oxybis[1-chloropropane]			3.33	2.65		mg/Kg		80	50 - 126	5	30
2,3,4,6-Tetrachlorophenol			3.33	2.92		mg/Kg		88	62 - 120	1	30
2,4,5-Trichlorophenol			3.33	2.83		mg/Kg		85	64 - 120	4	30
2,4,6-Trichlorophenol			3.33	2.88		mg/Kg		86	65 - 120	3	30
2,4-Dichlorophenol			3.33	2.86		mg/Kg		86	66 - 120	4	30
2,4-Dimethylphenol			3.33	2.80		mg/Kg		84	75 - 136	3	30
2,4-Dinitrophenol			6.67	6.04		mg/Kg		91	41 - 120	1	30
2,4-Dinitrotoluene			3.33	3.16		mg/Kg		95	65 - 124	0	30
2,6-Dinitrotoluene			3.33	3.04		mg/Kg		91	67 - 121	0	30
2-Chloronaphthalene			3.33	2.76		mg/Kg		83	64 - 120	3	30
2-Chlorophenol			3.33	2.77		mg/Kg		83	63 - 120	5	30
2-Methylnaphthalene			3.33	2.76		mg/Kg		83	56 - 102	3	30
2-Methylphenol			3.33	2.86		mg/Kg		86	63 - 120	4	30
2-Nitroaniline			3.33	2.93		mg/Kg		88	52 - 120	2	30
2-Nitrophenol			3.33	2.71		mg/Kg		81	64 - 120	3	30
3,3'-Dichlorobenzidine			3.33	2.68		mg/Kg		80	10 - 106	3	30
3-Nitroaniline			3.33	2.82		mg/Kg		85	18 - 105	2	30
4,6-Dinitro-2-methylphenol			6.67	6.61		mg/Kg		99	61 - 127	1	30
4-Bromophenyl phenyl ether			3.33	3.03		mg/Kg		91	64 - 120	1	30
4-Chloro-3-methylphenol			3.33	2.96		mg/Kg		89	68 - 120	2	30
4-Chloroaniline			3.33	2.64		mg/Kg		79	10 - 107	2	30
4-Chlorophenyl phenyl ether			3.33	2.86		mg/Kg		86	62 - 120	2	30
4-Methylphenol			3.33	2.89		mg/Kg		87	61 - 120	3	30
4-Nitroaniline			3.33	3.01		mg/Kg		90	51 - 112	2	30
4-Nitrophenol			6.67	5.97		mg/Kg		90	52 - 122	1	30
Acenaphthene			3.33	2.78		mg/Kg		84	65 - 120	3	30
Acenaphthylene			3.33	2.80		mg/Kg		84	68 - 120	3	30
Acetophenone			3.33	2.53		mg/Kg		76	61 - 111	3	30
Anthracene			3.33	3.05		mg/Kg		91	67 - 120	1	30
Atrazine			1.33	2.03	*	mg/Kg		152	52 - 150	2	30
Benzaldehyde			1.33	1.67		mg/Kg		126	45 - 150	1	30
Benzidine			3.33	2.57		mg/Kg		77	10 - 145	2	30
Benzo[a]anthracene			3.33	2.81		mg/Kg		84	66 - 120	1	30
Benzo[a]pyrene			3.33	3.25		mg/Kg		97	69 - 123	1	30
Benzo[b]fluoranthene			3.33	3.33		mg/Kg		100	66 - 125	8	30
Benzo[g,h,i]perylene			3.33	3.13		mg/Kg		94	66 - 138	0	30
Benzo[k]fluoranthene			3.33	3.00		mg/Kg		90	67 - 122	8	30
Bis(2-chloroethoxy)methane			3.33	2.72		mg/Kg		82	62 - 120	3	30
Bis(2-chloroethyl)ether			3.33	2.74		mg/Kg		82	60 - 120	4	30
Bis(2-ethylhexyl) phthalate			3.33	2.89		mg/Kg		87	64 - 125	1	30
Butyl benzyl phthalate			3.33	2.85		mg/Kg		86	62 - 127	0	30
Caprolactam			1.33	1.86		mg/Kg		139	46 - 150	2	30
Carbazole			3.33	3.10		mg/Kg		93	64 - 120	1	30
Chrysene			3.33	2.85		mg/Kg		86	67 - 120	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1040354/3-A
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040354

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibenz(a,h)anthracene			3.33	3.06		mg/Kg		92	66 - 128	1	30
Dibenzofuran			3.33	2.83		mg/Kg		85	61 - 120	3	30
Diethyl phthalate			3.33	2.90		mg/Kg		87	63 - 120	2	30
Dimethyl phthalate			3.33	2.85		mg/Kg		85	65 - 120	2	30
Di-n-butyl phthalate			3.33	3.17		mg/Kg		95	61 - 120	0	30
Di-n-octyl phthalate			3.33	3.07		mg/Kg		92	61 - 123	0	30
Fluoranthene			3.33	3.08		mg/Kg		92	61 - 120	0	30
Fluorene			3.33	2.87		mg/Kg		86	64 - 120	2	30
Hexachlorobenzene			3.33	2.99		mg/Kg		90	66 - 120	0	30
Hexachlorobutadiene			3.33	2.65		mg/Kg		79	62 - 120	3	30
Hexachlorocyclopentadiene			3.33	2.56		mg/Kg		77	32 - 150	6	30
Hexachloroethane			3.33	2.69		mg/Kg		81	61 - 112	4	30
Indeno[1,2,3-cd]pyrene			3.33	2.98		mg/Kg		89	63 - 137	3	30
Isophorone			3.33	2.72		mg/Kg		82	61 - 120	3	30
Naphthalene			3.33	2.69		mg/Kg		81	63 - 113	4	30
Nitrobenzene			3.33	2.82		mg/Kg		85	63 - 120	3	30
N-Nitrosodi-n-propylamine			3.33	2.96		mg/Kg		89	60 - 120	3	30
N-Nitrosodiphenylamine			3.33	3.02		mg/Kg		90	63 - 120	1	30
Pentachlorophenol			6.67	6.35		mg/Kg		95	61 - 126	1	30
Phenanthrene			3.33	3.04		mg/Kg		91	66 - 120	0	30
Phenol			3.33	2.80		mg/Kg		84	63 - 120	3	30
Pyrene			3.33	2.81		mg/Kg		84	61 - 121	0	30
Pyridine			6.67	5.07		mg/Kg		76	21 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*18 - 137*
2-Fluorobiphenyl	*74*		*33 - 117*
2-Fluorophenol (Surr)	*73*		*24 - 120*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*
Phenol-d5 (Surr)	*75*		*28 - 118*
Terphenyl-d14 (Surr)	*72*		*33 - 124*

Lab Sample ID: 460-327049-A-20-A MS
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.35	U	3.55	2.80		mg/Kg	☼	79	64 - 120
1,2,4,5-Tetrachlorobenzene	0.35	U	3.55	2.80		mg/Kg	☼	79	60 - 120
1,2-Diphenylhydrazine	0.35	U	3.55	3.01		mg/Kg	☼	85	62 - 118
1,4-Dioxane	0.035	U	3.55	2.01		mg/Kg	☼	57	31 - 105
2,2'-oxybis[1-chloropropane]	0.35	U	3.55	2.60		mg/Kg	☼	73	50 - 126
2,3,4,6-Tetrachlorophenol	0.35	U	3.55	3.03		mg/Kg	☼	85	62 - 120
2,4,5-Trichlorophenol	0.35	U	3.55	2.97		mg/Kg	☼	84	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.55	3.04		mg/Kg	☼	86	65 - 120
2,4-Dichlorophenol	0.14	U	3.55	2.87		mg/Kg	☼	81	66 - 120
2,4-Dimethylphenol	0.35	U	3.55	2.83		mg/Kg	☼	80	75 - 136
2,4-Dinitrophenol	0.28	U	7.09	3.50		mg/Kg	☼	49	41 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-327049-A-20-A MS
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	0.071	U	3.55	3.22		mg/Kg	☼	91	65 - 124
2,6-Dinitrotoluene	0.071	U	3.55	3.14		mg/Kg	☼	89	67 - 121
2-Chloronaphthalene	0.35	U	3.55	2.81		mg/Kg	☼	79	64 - 120
2-Chlorophenol	0.35	U	3.55	2.77		mg/Kg	☼	78	63 - 120
2-Methylnaphthalene	0.35	U	3.55	2.74		mg/Kg	☼	77	56 - 102
2-Methylphenol	0.35	U	3.55	2.81		mg/Kg	☼	79	63 - 120
2-Nitroaniline	0.35	U	3.55	3.00		mg/Kg	☼	85	52 - 120
2-Nitrophenol	0.35	U	3.55	2.65		mg/Kg	☼	75	64 - 120
3,3'-Dichlorobenzidine	0.14	U	3.55	3.05		mg/Kg	☼	86	10 - 106
3-Nitroaniline	0.35	U	3.55	2.73		mg/Kg	☼	77	18 - 105
4,6-Dinitro-2-methylphenol	0.28	U	7.09	4.23	*	mg/Kg	☼	60	61 - 127
4-Bromophenyl phenyl ether	0.35	U	3.55	3.09		mg/Kg	☼	87	64 - 120
4-Chloro-3-methylphenol	0.35	U	3.55	2.97		mg/Kg	☼	84	68 - 120
4-Chloroaniline	0.35	U	3.55	2.40		mg/Kg	☼	68	10 - 107
4-Chlorophenyl phenyl ether	0.35	U	3.55	2.92		mg/Kg	☼	82	62 - 120
4-Methylphenol	0.35	U	3.55	2.83		mg/Kg	☼	80	61 - 120
4-Nitroaniline	0.35	U	3.55	2.78		mg/Kg	☼	78	51 - 112
4-Nitrophenol	0.71	U	7.09	5.90		mg/Kg	☼	83	52 - 122
Acenaphthene	0.35	U	3.55	2.87		mg/Kg	☼	81	65 - 120
Acenaphthylene	0.35	U	3.55	2.90		mg/Kg	☼	82	68 - 120
Acetophenone	0.35	U	3.55	2.46		mg/Kg	☼	69	61 - 111
Anthracene	0.35	U	3.55	3.11		mg/Kg	☼	88	67 - 120
Atrazine	0.14	U *	1.42	2.11		mg/Kg	☼	149	52 - 150
Benzaldehyde	0.35	U	1.42	1.64	E	mg/Kg	☼	115	45 - 150
Benzidine	0.35	U	3.55	2.90		mg/Kg	☼	82	10 - 145
Benzo[a]anthracene	0.035	U	3.55	2.89		mg/Kg	☼	82	66 - 120
Benzo[a]pyrene	0.035	U	3.55	3.28		mg/Kg	☼	93	69 - 123
Benzo[b]fluoranthene	0.035	U	3.55	3.33		mg/Kg	☼	94	66 - 125
Benzo[g,h,i]perylene	0.35	U	3.55	3.04		mg/Kg	☼	86	66 - 138
Benzo[k]fluoranthene	0.035	U	3.55	3.05		mg/Kg	☼	86	67 - 122
Bis(2-chloroethoxy)methane	0.35	U	3.55	2.67		mg/Kg	☼	75	62 - 120
Bis(2-chloroethyl)ether	0.035	U	3.55	2.68		mg/Kg	☼	75	60 - 120
Bis(2-ethylhexyl) phthalate	0.35	U	3.55	2.96		mg/Kg	☼	84	64 - 125
Butyl benzyl phthalate	0.35	U	3.55	2.97		mg/Kg	☼	84	62 - 127
Caprolactam	0.35	U	1.42	1.88		mg/Kg	☼	133	46 - 150
Carbazole	0.35	U	3.55	3.13		mg/Kg	☼	88	64 - 120
Chrysene	0.35	U	3.55	2.82		mg/Kg	☼	79	67 - 120
Dibenz(a,h)anthracene	0.035	U	3.55	3.15		mg/Kg	☼	89	66 - 128
Dibenzofuran	0.35	U	3.55	2.93		mg/Kg	☼	83	61 - 120
Diethyl phthalate	0.35	U	3.55	2.96		mg/Kg	☼	83	63 - 120
Dimethyl phthalate	0.35	U	3.55	2.95		mg/Kg	☼	83	65 - 120
Di-n-butyl phthalate	0.35	U	3.55	3.22		mg/Kg	☼	91	61 - 120
Di-n-octyl phthalate	0.35	U	3.55	3.23		mg/Kg	☼	91	61 - 123
Fluoranthene	0.35	U	3.55	3.10		mg/Kg	☼	87	61 - 120
Fluorene	0.35	U	3.55	2.94		mg/Kg	☼	83	64 - 120
Hexachlorobenzene	0.035	U	3.55	3.07		mg/Kg	☼	87	66 - 120
Hexachlorobutadiene	0.071	U	3.55	2.63		mg/Kg	☼	74	62 - 120
Hexachlorocyclopentadiene	0.35	U	3.55	2.19		mg/Kg	☼	62	32 - 150
Hexachloroethane	0.035	U	3.55	2.62		mg/Kg	☼	74	61 - 112

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-327049-A-20-A MS
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Indeno[1,2,3-cd]pyrene	0.035	U	3.55	2.99		mg/Kg	☼	84	63 - 137
Isophorone	0.14	U	3.55	2.68		mg/Kg	☼	76	61 - 120
Naphthalene	0.35	U	3.55	2.67		mg/Kg	☼	75	63 - 113
Nitrobenzene	0.035	U	3.55	2.80		mg/Kg	☼	79	63 - 120
N-Nitrosodi-n-propylamine	0.035	U	3.55	2.86		mg/Kg	☼	81	60 - 120
N-Nitrosodiphenylamine	0.35	U	3.55	3.11		mg/Kg	☼	88	63 - 120
Pentachlorophenol	0.28	U	7.09	6.51		mg/Kg	☼	92	61 - 126
Phenanthrene	0.35	U	3.55	3.07		mg/Kg	☼	87	66 - 120
Phenol	0.35	U	3.55	2.72		mg/Kg	☼	77	63 - 120
Pyrene	0.35	U	3.55	2.84		mg/Kg	☼	80	61 - 121
Pyridine	0.35	U	7.09	4.46		mg/Kg	☼	63	21 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*
2-Fluorobiphenyl	*71*		*33 - 117*
2-Fluorophenol (Surr)	*69*		*24 - 120*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*
Phenol-d5 (Surr)	*69*		*28 - 118*
Terphenyl-d14 (Surr)	*69*		*33 - 124*

Lab Sample ID: 460-327049-A-20-B MSD
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.35	U	3.53	2.84		mg/Kg	☼	80	64 - 120	1	30
1,2,4,5-Tetrachlorobenzene	0.35	U	3.53	2.80		mg/Kg	☼	79	60 - 120	0	30
1,2-Diphenylhydrazine	0.35	U	3.53	2.99		mg/Kg	☼	85	62 - 118	1	30
1,4-Dioxane	0.035	U	3.53	2.41		mg/Kg	☼	68	31 - 105	18	30
2,2'-oxybis[1-chloropropane]	0.35	U	3.53	2.79		mg/Kg	☼	79	50 - 126	7	30
2,3,4,6-Tetrachlorophenol	0.35	U	3.53	2.99		mg/Kg	☼	85	62 - 120	1	30
2,4,5-Trichlorophenol	0.35	U	3.53	3.02		mg/Kg	☼	86	64 - 120	2	30
2,4,6-Trichlorophenol	0.14	U	3.53	2.97		mg/Kg	☼	84	65 - 120	2	30
2,4-Dichlorophenol	0.14	U	3.53	2.97		mg/Kg	☼	84	66 - 120	4	30
2,4-Dimethylphenol	0.35	U	3.53	2.84		mg/Kg	☼	81	75 - 136	0	30
2,4-Dinitrophenol	0.28	U	7.06	3.39		mg/Kg	☼	48	41 - 120	3	30
2,4-Dinitrotoluene	0.071	U	3.53	3.11		mg/Kg	☼	88	65 - 124	3	30
2,6-Dinitrotoluene	0.071	U	3.53	3.01		mg/Kg	☼	85	67 - 121	4	30
2-Chloronaphthalene	0.35	U	3.53	2.83		mg/Kg	☼	80	64 - 120	1	30
2-Chlorophenol	0.35	U	3.53	2.93		mg/Kg	☼	83	63 - 120	6	30
2-Methylnaphthalene	0.35	U	3.53	2.80		mg/Kg	☼	80	56 - 102	2	30
2-Methylphenol	0.35	U	3.53	2.94		mg/Kg	☼	83	63 - 120	5	30
2-Nitroaniline	0.35	U	3.53	2.97		mg/Kg	☼	84	52 - 120	1	30
2-Nitrophenol	0.35	U	3.53	2.78		mg/Kg	☼	79	64 - 120	5	30
3,3'-Dichlorobenzidine	0.14	U	3.53	3.20		mg/Kg	☼	91	10 - 106	5	30
3-Nitroaniline	0.35	U	3.53	2.67		mg/Kg	☼	76	18 - 105	2	30
4,6-Dinitro-2-methylphenol	0.28	U	7.06	4.30		mg/Kg	☼	61	61 - 127	2	30
4-Bromophenyl phenyl ether	0.35	U	3.53	3.09		mg/Kg	☼	88	64 - 120	0	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-327049-A-20-B MSD
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloro-3-methylphenol	0.35	U	3.53	2.92		mg/Kg	☼	83	68 - 120	2	30
4-Chloroaniline	0.35	U	3.53	2.38		mg/Kg	☼	67	10 - 107	1	30
4-Chlorophenyl phenyl ether	0.35	U	3.53	2.87		mg/Kg	☼	81	62 - 120	2	30
4-Methylphenol	0.35	U	3.53	2.98		mg/Kg	☼	85	61 - 120	5	30
4-Nitroaniline	0.35	U	3.53	2.71		mg/Kg	☼	77	51 - 112	2	30
4-Nitrophenol	0.71	U	7.06	5.85		mg/Kg	☼	83	52 - 122	1	30
Acenaphthene	0.35	U	3.53	2.87		mg/Kg	☼	81	65 - 120	0	30
Acenaphthylene	0.35	U	3.53	2.87		mg/Kg	☼	81	68 - 120	1	30
Acetophenone	0.35	U	3.53	2.57		mg/Kg	☼	73	61 - 111	5	30
Anthracene	0.35	U	3.53	3.08		mg/Kg	☼	87	67 - 120	1	30
Atrazine	0.14	U *	1.41	1.45	*	mg/Kg	☼	103	52 - 150	37	30
Benzaldehyde	0.35	U	1.41	1.25	E	mg/Kg	☼	89	45 - 150	27	30
Benzidine	0.35	U	3.53	3.13		mg/Kg	☼	89	10 - 145	8	30
Benzo[a]anthracene	0.035	U	3.53	2.88		mg/Kg	☼	82	66 - 120	0	30
Benzo[a]pyrene	0.035	U	3.53	3.28		mg/Kg	☼	93	69 - 123	0	30
Benzo[b]fluoranthene	0.035	U	3.53	3.14		mg/Kg	☼	89	66 - 125	6	30
Benzo[g,h,i]perylene	0.35	U	3.53	3.14		mg/Kg	☼	89	66 - 138	3	30
Benzo[k]fluoranthene	0.035	U	3.53	3.18		mg/Kg	☼	90	67 - 122	4	30
Bis(2-chloroethoxy)methane	0.35	U	3.53	2.75		mg/Kg	☼	78	62 - 120	3	30
Bis(2-chloroethyl)ether	0.035	U	3.53	2.86		mg/Kg	☼	81	60 - 120	7	30
Bis(2-ethylhexyl) phthalate	0.35	U	3.53	3.02		mg/Kg	☼	86	64 - 125	2	30
Butyl benzyl phthalate	0.35	U	3.53	3.03		mg/Kg	☼	86	62 - 127	2	30
Caprolactam	0.35	U	1.41	1.31	*	mg/Kg	☼	93	46 - 150	36	30
Carbazole	0.35	U	3.53	3.14		mg/Kg	☼	89	64 - 120	0	30
Chrysene	0.35	U	3.53	2.88		mg/Kg	☼	82	67 - 120	2	30
Dibenz(a,h)anthracene	0.035	U	3.53	3.15		mg/Kg	☼	89	66 - 128	0	30
Dibenzofuran	0.35	U	3.53	2.88		mg/Kg	☼	82	61 - 120	2	30
Diethyl phthalate	0.35	U	3.53	2.92		mg/Kg	☼	83	63 - 120	1	30
Dimethyl phthalate	0.35	U	3.53	2.89		mg/Kg	☼	82	65 - 120	2	30
Di-n-butyl phthalate	0.35	U	3.53	3.20		mg/Kg	☼	91	61 - 120	1	30
Di-n-octyl phthalate	0.35	U	3.53	3.22		mg/Kg	☼	91	61 - 123	0	30
Fluoranthene	0.35	U	3.53	3.06		mg/Kg	☼	87	61 - 120	1	30
Fluorene	0.35	U	3.53	2.88		mg/Kg	☼	82	64 - 120	2	30
Hexachlorobenzene	0.035	U	3.53	3.00		mg/Kg	☼	85	66 - 120	2	30
Hexachlorobutadiene	0.071	U	3.53	2.77		mg/Kg	☼	79	62 - 120	5	30
Hexachlorocyclopentadiene	0.35	U	3.53	2.16		mg/Kg	☼	61	32 - 150	1	30
Hexachloroethane	0.035	U	3.53	2.82		mg/Kg	☼	80	61 - 112	7	30
Indeno[1,2,3-cd]pyrene	0.035	U	3.53	2.94		mg/Kg	☼	83	63 - 137	1	30
Isophorone	0.14	U	3.53	2.75		mg/Kg	☼	78	61 - 120	2	30
Naphthalene	0.35	U	3.53	2.78		mg/Kg	☼	79	63 - 113	4	30
Nitrobenzene	0.035	U	3.53	2.88		mg/Kg	☼	82	63 - 120	3	30
N-Nitrosodi-n-propylamine	0.035	U	3.53	3.00		mg/Kg	☼	85	60 - 120	5	30
N-Nitrosodiphenylamine	0.35	U	3.53	3.09		mg/Kg	☼	87	63 - 120	1	30
Pentachlorophenol	0.28	U	7.06	6.45		mg/Kg	☼	91	61 - 126	1	30
Phenanthrene	0.35	U	3.53	3.05		mg/Kg	☼	87	66 - 120	1	30
Phenol	0.35	U	3.53	2.88		mg/Kg	☼	82	63 - 120	6	30
Pyrene	0.35	U	3.53	2.89		mg/Kg	☼	82	61 - 121	2	30
Pyridine	0.35	U	7.06	4.85		mg/Kg	☼	69	21 - 120	8	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-327049-A-20-B MSD
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040354

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*
2-Fluorobiphenyl	*70*		*33 - 117*
2-Fluorophenol (Surr)	*73*		*24 - 120*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*
Phenol-d5 (Surr)	*71*		*28 - 118*
Terphenyl-d14 (Surr)	*68*		*33 - 124*

Lab Sample ID: MB 460-1040640/1-A
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
1,2-Diphenylhydrazine	0.33	U	0.33	0.013	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Benzidine	0.33	U	0.33	0.069	mg/Kg		05/30/25 21:49	05/31/25 09:43	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1040640/1-A
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Phenol	0.33	U	0.33	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Pyridine	0.33	U	0.33	0.047	mg/Kg		05/30/25 21:49	05/31/25 09:43	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/30/25 21:49*	*05/31/25 09:43*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*18 - 137*	*05/30/25 21:49*	*05/31/25 09:43*	*1*
2-Fluorobiphenyl	*76*		*33 - 117*	*05/30/25 21:49*	*05/31/25 09:43*	*1*
2-Fluorophenol (Surr)	*82*		*24 - 120*	*05/30/25 21:49*	*05/31/25 09:43*	*1*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*	*05/30/25 21:49*	*05/31/25 09:43*	*1*
Phenol-d5 (Surr)	*77*		*28 - 118*	*05/30/25 21:49*	*05/31/25 09:43*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*05/30/25 21:49*	*05/31/25 09:43*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1040640/2-A
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.87		mg/Kg		86	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.97		mg/Kg		89	60 - 120
1,2-Diphenylhydrazine	3.33	2.45		mg/Kg		73	62 - 118
1,4-Dioxane	3.33	2.08		mg/Kg		62	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.35		mg/Kg		71	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.01		mg/Kg		90	62 - 120
2,4,5-Trichlorophenol	3.33	2.97		mg/Kg		89	64 - 120
2,4,6-Trichlorophenol	3.33	2.98		mg/Kg		89	65 - 120
2,4-Dichlorophenol	3.33	2.96		mg/Kg		89	66 - 120
2,4-Dimethylphenol	3.33	2.81		mg/Kg		84	75 - 136
2,4-Dinitrophenol	6.67	5.69		mg/Kg		85	41 - 120
2,4-Dinitrotoluene	3.33	3.01		mg/Kg		90	65 - 124
2,6-Dinitrotoluene	3.33	2.93		mg/Kg		88	67 - 121
2-Chloronaphthalene	3.33	2.84		mg/Kg		85	64 - 120
2-Chlorophenol	3.33	2.90		mg/Kg		87	63 - 120
2-Methylnaphthalene	3.33	2.86		mg/Kg		86	56 - 102
2-Methylphenol	3.33	2.78		mg/Kg		83	63 - 120
2-Nitroaniline	3.33	2.42		mg/Kg		72	52 - 120
2-Nitrophenol	3.33	2.89		mg/Kg		87	64 - 120
3,3'-Dichlorobenzidine	3.33	2.07		mg/Kg		62	10 - 106
3-Nitroaniline	3.33	2.49		mg/Kg		75	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.61		mg/Kg		99	61 - 127
4-Bromophenyl phenyl ether	3.33	3.16		mg/Kg		95	64 - 120
4-Chloro-3-methylphenol	3.33	2.79		mg/Kg		84	68 - 120
4-Chloroaniline	3.33	2.32		mg/Kg		70	10 - 107
4-Chlorophenyl phenyl ether	3.33	3.02		mg/Kg		91	62 - 120
4-Methylphenol	3.33	2.83		mg/Kg		85	61 - 120
4-Nitroaniline	3.33	2.70		mg/Kg		81	51 - 112
4-Nitrophenol	6.67	4.79		mg/Kg		72	52 - 122
Acenaphthene	3.33	2.76		mg/Kg		83	65 - 120
Acenaphthylene	3.33	2.79		mg/Kg		84	68 - 120
Acetophenone	3.33	2.49		mg/Kg		75	61 - 111
Anthracene	3.33	2.95		mg/Kg		89	67 - 120
Atrazine	1.33	1.79		mg/Kg		134	52 - 150
Benzaldehyde	1.33	1.37		mg/Kg		103	45 - 150
Benzidine	3.33	2.58		mg/Kg		77	10 - 145
Benzo[a]anthracene	3.33	2.75		mg/Kg		83	66 - 120
Benzo[a]pyrene	3.33	3.17		mg/Kg		95	69 - 123
Benzo[b]fluoranthene	3.33	3.03		mg/Kg		91	66 - 125
Benzo[g,h,i]perylene	3.33	3.18		mg/Kg		95	66 - 138
Benzo[k]fluoranthene	3.33	3.05		mg/Kg		91	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.66		mg/Kg		80	62 - 120
Bis(2-chloroethyl)ether	3.33	2.60		mg/Kg		78	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.74		mg/Kg		82	64 - 125
Butyl benzyl phthalate	3.33	2.70		mg/Kg		81	62 - 127
Caprolactam	1.33	1.46		mg/Kg		110	46 - 150
Carbazole	3.33	2.94		mg/Kg		88	64 - 120
Chrysene	3.33	2.75		mg/Kg		82	67 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1040640/2-A
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenz(a,h)anthracene	3.33	3.17		mg/Kg		95	66 - 128
Dibenzofuran	3.33	2.87		mg/Kg		86	61 - 120
Diethyl phthalate	3.33	2.81		mg/Kg		84	63 - 120
Dimethyl phthalate	3.33	2.86		mg/Kg		86	65 - 120
Di-n-butyl phthalate	3.33	3.01		mg/Kg		90	61 - 120
Di-n-octyl phthalate	3.33	2.98		mg/Kg		89	61 - 123
Fluoranthene	3.33	3.02		mg/Kg		91	61 - 120
Fluorene	3.33	2.85		mg/Kg		86	64 - 120
Hexachlorobenzene	3.33	3.28		mg/Kg		98	66 - 120
Hexachlorobutadiene	3.33	3.03		mg/Kg		91	62 - 120
Hexachlorocyclopentadiene	3.33	2.64		mg/Kg		79	32 - 150
Hexachloroethane	3.33	2.76		mg/Kg		83	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	2.98		mg/Kg		89	63 - 137
Isophorone	3.33	2.54		mg/Kg		76	61 - 120
Naphthalene	3.33	2.76		mg/Kg		83	63 - 113
Nitrobenzene	3.33	2.82		mg/Kg		85	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.53		mg/Kg		76	60 - 120
N-Nitrosodiphenylamine	3.33	2.93		mg/Kg		88	63 - 120
Pentachlorophenol	6.67	6.36		mg/Kg		95	61 - 126
Phenanthrene	3.33	2.94		mg/Kg		88	66 - 120
Phenol	3.33	2.73		mg/Kg		82	63 - 120
Pyrene	3.33	2.73		mg/Kg		82	61 - 121
Pyridine	6.67	4.98		mg/Kg		75	21 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*18 - 137*
2-Fluorobiphenyl	*77*		*33 - 117*
2-Fluorophenol (Surr)	*78*		*24 - 120*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*
Phenol-d5 (Surr)	*73*		*28 - 118*
Terphenyl-d14 (Surr)	*75*		*33 - 124*

Lab Sample ID: LCSD 460-1040640/3-A
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	2.84		mg/Kg		85	64 - 120	1	30
1,2,4,5-Tetrachlorobenzene	3.33	2.96		mg/Kg		89	60 - 120	0	30
1,2-Diphenylhydrazine	3.33	2.46		mg/Kg		74	62 - 118	0	30
1,4-Dioxane	3.33	2.04		mg/Kg		61	31 - 105	2	30
2,2'-oxybis[1-chloropropane]	3.33	2.28		mg/Kg		68	50 - 126	3	30
2,3,4,6-Tetrachlorophenol	3.33	3.04		mg/Kg		91	62 - 120	1	30
2,4,5-Trichlorophenol	3.33	2.97		mg/Kg		89	64 - 120	0	30
2,4,6-Trichlorophenol	3.33	2.96		mg/Kg		89	65 - 120	1	30
2,4-Dichlorophenol	3.33	2.95		mg/Kg		89	66 - 120	0	30
2,4-Dimethylphenol	3.33	2.82		mg/Kg		84	75 - 136	0	30
2,4-Dinitrophenol	6.67	5.84		mg/Kg		88	41 - 120	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1040640/3-A
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	3.33	3.04		mg/Kg		91	65 - 124	1	30
2,6-Dinitrotoluene	3.33	2.95		mg/Kg		89	67 - 121	1	30
2-Chloronaphthalene	3.33	2.84		mg/Kg		85	64 - 120	0	30
2-Chlorophenol	3.33	2.90		mg/Kg		87	63 - 120	0	30
2-Methylnaphthalene	3.33	2.84		mg/Kg		85	56 - 102	1	30
2-Methylphenol	3.33	2.72		mg/Kg		82	63 - 120	2	30
2-Nitroaniline	3.33	2.44		mg/Kg		73	52 - 120	1	30
2-Nitrophenol	3.33	2.91		mg/Kg		87	64 - 120	1	30
3,3'-Dichlorobenzidine	3.33	2.11		mg/Kg		63	10 - 106	2	30
3-Nitroaniline	3.33	2.54		mg/Kg		76	18 - 105	2	30
4,6-Dinitro-2-methylphenol	6.67	6.57		mg/Kg		99	61 - 127	1	30
4-Bromophenyl phenyl ether	3.33	3.15		mg/Kg		95	64 - 120	0	30
4-Chloro-3-methylphenol	3.33	2.85		mg/Kg		86	68 - 120	2	30
4-Chloroaniline	3.33	2.34		mg/Kg		70	10 - 107	1	30
4-Chlorophenyl phenyl ether	3.33	3.03		mg/Kg		91	62 - 120	0	30
4-Methylphenol	3.33	2.81		mg/Kg		84	61 - 120	1	30
4-Nitroaniline	3.33	2.77		mg/Kg		83	51 - 112	3	30
4-Nitrophenol	6.67	4.81		mg/Kg		72	52 - 122	0	30
Acenaphthene	3.33	2.75		mg/Kg		82	65 - 120	1	30
Acenaphthylene	3.33	2.78		mg/Kg		83	68 - 120	0	30
Acetophenone	3.33	2.42		mg/Kg		73	61 - 111	3	30
Anthracene	3.33	2.98		mg/Kg		90	67 - 120	1	30
Atrazine	1.33	1.78		mg/Kg		134	52 - 150	0	30
Benzaldehyde	1.33	1.33		mg/Kg		99	45 - 150	3	30
Benzidine	3.33	2.63		mg/Kg		79	10 - 145	2	30
Benzo[a]anthracene	3.33	2.76		mg/Kg		83	66 - 120	0	30
Benzo[a]pyrene	3.33	3.22		mg/Kg		97	69 - 123	1	30
Benzo[b]fluoranthene	3.33	3.00		mg/Kg		90	66 - 125	1	30
Benzo[g,h,i]perylene	3.33	3.23		mg/Kg		97	66 - 138	2	30
Benzo[k]fluoranthene	3.33	3.10		mg/Kg		93	67 - 122	2	30
Bis(2-chloroethoxy)methane	3.33	2.66		mg/Kg		80	62 - 120	0	30
Bis(2-chloroethyl)ether	3.33	2.55		mg/Kg		77	60 - 120	2	30
Bis(2-ethylhexyl) phthalate	3.33	2.77		mg/Kg		83	64 - 125	1	30
Butyl benzyl phthalate	3.33	2.73		mg/Kg		82	62 - 127	1	30
Caprolactam	1.33	1.48		mg/Kg		111	46 - 150	1	30
Carbazole	3.33	2.97		mg/Kg		89	64 - 120	1	30
Chrysene	3.33	2.82		mg/Kg		85	67 - 120	3	30
Dibenz(a,h)anthracene	3.33	3.21		mg/Kg		96	66 - 128	1	30
Dibenzofuran	3.33	2.90		mg/Kg		87	61 - 120	1	30
Diethyl phthalate	3.33	2.85		mg/Kg		85	63 - 120	1	30
Dimethyl phthalate	3.33	2.88		mg/Kg		86	65 - 120	1	30
Di-n-butyl phthalate	3.33	3.01		mg/Kg		90	61 - 120	0	30
Di-n-octyl phthalate	3.33	2.97		mg/Kg		89	61 - 123	0	30
Fluoranthene	3.33	3.05		mg/Kg		91	61 - 120	1	30
Fluorene	3.33	2.84		mg/Kg		85	64 - 120	0	30
Hexachlorobenzene	3.33	3.30		mg/Kg		99	66 - 120	0	30
Hexachlorobutadiene	3.33	3.00		mg/Kg		90	62 - 120	1	30
Hexachlorocyclopentadiene	3.33	2.66		mg/Kg		80	32 - 150	1	30
Hexachloroethane	3.33	2.66		mg/Kg		80	61 - 112	4	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1040640/3-A
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040640

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Indeno[1,2,3-cd]pyrene			3.33	3.26		mg/Kg		98	63 - 137	9	30
Isophorone			3.33	2.54		mg/Kg		76	61 - 120	0	30
Naphthalene			3.33	2.77		mg/Kg		83	63 - 113	1	30
Nitrobenzene			3.33	2.79		mg/Kg		84	63 - 120	1	30
N-Nitrosodi-n-propylamine			3.33	2.49		mg/Kg		75	60 - 120	2	30
N-Nitrosodiphenylamine			3.33	2.97		mg/Kg		89	63 - 120	1	30
Pentachlorophenol			6.67	6.39		mg/Kg		96	61 - 126	0	30
Phenanthrene			3.33	2.94		mg/Kg		88	66 - 120	0	30
Phenol			3.33	2.69		mg/Kg		81	63 - 120	1	30
Pyrene			3.33	2.74		mg/Kg		82	61 - 121	0	30
Pyridine			6.67	4.79		mg/Kg		72	21 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*86*		*18 - 137*
2-Fluorobiphenyl	*77*		*33 - 117*
2-Fluorophenol (Surr)	*76*		*24 - 120*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*
Phenol-d5 (Surr)	*72*		*28 - 118*
Terphenyl-d14 (Surr)	*74*		*33 - 124*

Lab Sample ID: 460-327185-A-4-G MS
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.34	U	3.38	2.67		mg/Kg	☼	79	64 - 120
1,2,4,5-Tetrachlorobenzene	0.34	U	3.38	2.79		mg/Kg	☼	83	60 - 120
1,2-Diphenylhydrazine			3.38	2.28		mg/Kg	☼		
1,4-Dioxane	0.034	U	3.38	1.69		mg/Kg	☼	50	31 - 105
2,2'-oxybis[1-chloropropane]	0.34	U	3.38	2.08		mg/Kg	☼	62	50 - 126
2,3,4,6-Tetrachlorophenol	0.34	U	3.38	2.91		mg/Kg	☼	86	62 - 120
2,4,5-Trichlorophenol	0.34	U	3.38	2.76		mg/Kg	☼	82	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.38	2.81		mg/Kg	☼	83	65 - 120
2,4-Dichlorophenol	0.14	U	3.38	2.79		mg/Kg	☼	83	66 - 120
2,4-Dimethylphenol	0.34	U	3.38	2.61		mg/Kg	☼	77	75 - 136
2,4-Dinitrophenol	0.27	U	6.76	4.65		mg/Kg	☼	69	41 - 120
2,4-Dinitrotoluene	0.069	U	3.38	2.88		mg/Kg	☼	85	65 - 124
2,6-Dinitrotoluene	0.069	U	3.38	2.82		mg/Kg	☼	83	67 - 121
2-Chloronaphthalene	0.34	U	3.38	2.64		mg/Kg	☼	78	64 - 120
2-Chlorophenol	0.34	U	3.38	2.68		mg/Kg	☼	79	63 - 120
2-Methylnaphthalene	0.34	U	3.38	2.65		mg/Kg	☼	78	56 - 102
2-Methylphenol	0.34	U	3.38	2.55		mg/Kg	☼	75	63 - 120
2-Nitroaniline	0.34	U	3.38	2.18		mg/Kg	☼	64	52 - 120
2-Nitrophenol	0.34	U	3.38	2.56		mg/Kg	☼	76	64 - 120
3,3'-Dichlorobenzidine	0.14	U	3.38	1.86		mg/Kg	☼	55	10 - 106
3-Nitroaniline	0.34	U	3.38	2.24		mg/Kg	☼	66	18 - 105
4,6-Dinitro-2-methylphenol	0.27	U	6.76	5.81		mg/Kg	☼	86	61 - 127
4-Bromophenyl phenyl ether	0.34	U	3.38	2.99		mg/Kg	☼	88	64 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-327185-A-4-G MS
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloro-3-methylphenol	0.34	U	3.38	2.64		mg/Kg	☼	78	68 - 120
4-Chloroaniline	0.34	U	3.38	1.95		mg/Kg	☼	58	10 - 107
4-Chlorophenyl phenyl ether	0.34	U	3.38	2.88		mg/Kg	☼	85	62 - 120
4-Methylphenol	0.34	U	3.38	2.58		mg/Kg	☼	76	61 - 120
4-Nitroaniline	0.34	U	3.38	2.53		mg/Kg	☼	75	51 - 112
4-Nitrophenol	0.69	U	6.76	4.38		mg/Kg	☼	65	52 - 122
Acenaphthene	0.34	U	3.38	2.62		mg/Kg	☼	77	65 - 120
Acenaphthylene	0.34	U	3.38	2.61		mg/Kg	☼	77	68 - 120
Acetophenone	0.34	U	3.38	2.23		mg/Kg	☼	66	61 - 111
Anthracene	0.34	U	3.38	2.78		mg/Kg	☼	82	67 - 120
Atrazine	0.14	U	1.35	2.04	*	mg/Kg	☼	151	52 - 150
Benzaldehyde	0.34	U	1.35	1.41	E	mg/Kg	☼	104	45 - 150
Benzidine			3.38	2.04		mg/Kg	☼		
Benzo[a]anthracene	0.034	U	3.38	2.66		mg/Kg	☼	79	66 - 120
Benzo[a]pyrene	0.034	U	3.38	3.02		mg/Kg	☼	89	69 - 123
Benzo[b]fluoranthene	0.034	U	3.38	2.98		mg/Kg	☼	88	66 - 125
Benzo[g,h,i]perylene	0.34	U	3.38	2.98		mg/Kg	☼	88	66 - 138
Benzo[k]fluoranthene	0.034	U	3.38	2.95		mg/Kg	☼	87	67 - 122
Bis(2-chloroethoxy)methane	0.34	U	3.38	2.41		mg/Kg	☼	71	62 - 120
Bis(2-chloroethyl)ether	0.034	U	3.38	2.36		mg/Kg	☼	70	60 - 120
Bis(2-ethylhexyl) phthalate	0.34	U	3.38	2.69		mg/Kg	☼	80	64 - 125
Butyl benzyl phthalate	0.34	U	3.38	2.60		mg/Kg	☼	77	62 - 127
Caprolactam	0.34	U	1.35	1.64		mg/Kg	☼	121	46 - 150
Carbazole	0.34	U	3.38	2.80		mg/Kg	☼	83	64 - 120
Chrysene	0.34	U	3.38	2.66		mg/Kg	☼	79	67 - 120
Dibenz(a,h)anthracene	0.034	U	3.38	3.01		mg/Kg	☼	89	66 - 128
Dibenzofuran	0.34	U	3.38	2.75		mg/Kg	☼	81	61 - 120
Diethyl phthalate	0.34	U	3.38	2.71		mg/Kg	☼	80	63 - 120
Dimethyl phthalate	0.34	U	3.38	2.78		mg/Kg	☼	82	65 - 120
Di-n-butyl phthalate	0.34	U	3.38	2.84		mg/Kg	☼	84	61 - 120
Di-n-octyl phthalate	0.34	U	3.38	2.94		mg/Kg	☼	87	61 - 123
Fluoranthene	0.34	U	3.38	2.86		mg/Kg	☼	84	61 - 120
Fluorene	0.34	U	3.38	2.72		mg/Kg	☼	80	64 - 120
Hexachlorobenzene	0.034	U	3.38	3.09		mg/Kg	☼	91	66 - 120
Hexachlorobutadiene	0.069	U	3.38	2.70		mg/Kg	☼	80	62 - 120
Hexachlorocyclopentadiene	0.34	U	3.38	2.15		mg/Kg	☼	63	32 - 150
Hexachloroethane	0.034	U	3.38	2.40		mg/Kg	☼	71	61 - 112
Indeno[1,2,3-cd]pyrene	0.034	U	3.38	3.10		mg/Kg	☼	92	63 - 137
Isophorone	0.14	U	3.38	2.32		mg/Kg	☼	69	61 - 120
Naphthalene	0.34	U	3.38	2.52		mg/Kg	☼	75	63 - 113
Nitrobenzene	0.034	U	3.38	2.53		mg/Kg	☼	75	63 - 120
N-Nitrosodi-n-propylamine	0.034	U	3.38	2.30		mg/Kg	☼	68	60 - 120
N-Nitrosodiphenylamine	0.34	U	3.38	2.76		mg/Kg	☼	82	63 - 120
Pentachlorophenol	0.27	U	6.76	5.73		mg/Kg	☼	85	61 - 126
Phenanthrene	0.34	U	3.38	2.74		mg/Kg	☼	81	66 - 120
Phenol	0.34	U	3.38	2.48		mg/Kg	☼	73	63 - 120
Pyrene	0.34	U	3.38	2.66		mg/Kg	☼	79	61 - 121
Pyridine			6.76	4.05		mg/Kg	☼		

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-327185-A-4-G MS
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040640

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*82*		*18 - 137*
2-Fluorobiphenyl	*71*		*33 - 117*
2-Fluorophenol (Surr)	*68*		*24 - 120*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*
Phenol-d5 (Surr)	*66*		*28 - 118*
Terphenyl-d14 (Surr)	*72*		*33 - 124*

Lab Sample ID: 460-327185-A-4-H MSD
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.34	U	3.38	2.65		mg/Kg	☼	78	64 - 120	1	30
1,2,4,5-Tetrachlorobenzene	0.34	U	3.38	2.75		mg/Kg	☼	81	60 - 120	1	30
1,2-Diphenylhydrazine			3.38	2.25		mg/Kg	☼				
1,4-Dioxane	0.034	U	3.38	1.68		mg/Kg	☼	50	31 - 105	0	30
2,2'-oxybis[1-chloropropane]	0.34	U	3.38	2.07		mg/Kg	☼	61	50 - 126	1	30
2,3,4,6-Tetrachlorophenol	0.34	U	3.38	2.73		mg/Kg	☼	81	62 - 120	6	30
2,4,5-Trichlorophenol	0.34	U	3.38	2.78		mg/Kg	☼	82	64 - 120	0	30
2,4,6-Trichlorophenol	0.14	U	3.38	2.69		mg/Kg	☼	80	65 - 120	4	30
2,4-Dichlorophenol	0.14	U	3.38	2.75		mg/Kg	☼	81	66 - 120	2	30
2,4-Dimethylphenol	0.34	U	3.38	2.58		mg/Kg	☼	76	75 - 136	1	30
2,4-Dinitrophenol	0.27	U	6.76	4.87		mg/Kg	☼	72	41 - 120	5	30
2,4-Dinitrotoluene	0.069	U	3.38	2.80		mg/Kg	☼	83	65 - 124	3	30
2,6-Dinitrotoluene	0.069	U	3.38	2.79		mg/Kg	☼	83	67 - 121	1	30
2-Chloronaphthalene	0.34	U	3.38	2.61		mg/Kg	☼	77	64 - 120	1	30
2-Chlorophenol	0.34	U	3.38	2.65		mg/Kg	☼	78	63 - 120	1	30
2-Methylnaphthalene	0.34	U	3.38	2.56		mg/Kg	☼	76	56 - 102	4	30
2-Methylphenol	0.34	U	3.38	2.53		mg/Kg	☼	75	63 - 120	1	30
2-Nitroaniline	0.34	U	3.38	2.19		mg/Kg	☼	65	52 - 120	0	30
2-Nitrophenol	0.34	U	3.38	2.56		mg/Kg	☼	76	64 - 120	0	30
3,3'-Dichlorobenzidine	0.14	U	3.38	1.78		mg/Kg	☼	53	10 - 106	5	30
3-Nitroaniline	0.34	U	3.38	2.21		mg/Kg	☼	65	18 - 105	1	30
4,6-Dinitro-2-methylphenol	0.27	U	6.76	5.70		mg/Kg	☼	84	61 - 127	2	30
4-Bromophenyl phenyl ether	0.34	U	3.38	3.01		mg/Kg	☼	89	64 - 120	1	30
4-Chloro-3-methylphenol	0.34	U	3.38	2.55		mg/Kg	☼	75	68 - 120	3	30
4-Chloroaniline	0.34	U	3.38	1.85		mg/Kg	☼	55	10 - 107	5	30
4-Chlorophenyl phenyl ether	0.34	U	3.38	2.76		mg/Kg	☼	82	62 - 120	4	30
4-Methylphenol	0.34	U	3.38	2.59		mg/Kg	☼	77	61 - 120	0	30
4-Nitroaniline	0.34	U	3.38	2.46		mg/Kg	☼	73	51 - 112	3	30
4-Nitrophenol	0.69	U	6.76	4.37		mg/Kg	☼	65	52 - 122	0	30
Acenaphthene	0.34	U	3.38	2.56		mg/Kg	☼	76	65 - 120	2	30
Acenaphthylene	0.34	U	3.38	2.55		mg/Kg	☼	76	68 - 120	2	30
Acetophenone	0.34	U	3.38	2.26		mg/Kg	☼	67	61 - 111	2	30
Anthracene	0.34	U	3.38	2.73		mg/Kg	☼	81	67 - 120	2	30
Atrazine	0.14	U	1.35	1.98		mg/Kg	☼	147	52 - 150	3	30
Benzaldehyde	0.34	U	1.35	1.43	E	mg/Kg	☼	105	45 - 150	1	30
Benzidine			3.38	2.14		mg/Kg	☼				

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-327185-A-4-H MSD
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene	0.034	U	3.38	2.63		mg/Kg	☼	78	66 - 120	1	30
Benzo[a]pyrene	0.034	U	3.38	2.97		mg/Kg	☼	88	69 - 123	2	30
Benzo[b]fluoranthene	0.034	U	3.38	2.78		mg/Kg	☼	82	66 - 125	7	30
Benzo[g,h,i]perylene	0.34	U	3.38	2.94		mg/Kg	☼	87	66 - 138	1	30
Benzo[k]fluoranthene	0.034	U	3.38	3.04		mg/Kg	☼	90	67 - 122	3	30
Bis(2-chloroethoxy)methane	0.34	U	3.38	2.40		mg/Kg	☼	71	62 - 120	1	30
Bis(2-chloroethyl)ether	0.034	U	3.38	2.36		mg/Kg	☼	70	60 - 120	0	30
Bis(2-ethylhexyl) phthalate	0.34	U	3.38	2.64		mg/Kg	☼	78	64 - 125	2	30
Butyl benzyl phthalate	0.34	U	3.38	2.59		mg/Kg	☼	77	62 - 127	0	30
Caprolactam	0.34	U	1.35	1.61		mg/Kg	☼	119	46 - 150	2	30
Carbazole	0.34	U	3.38	2.69		mg/Kg	☼	80	64 - 120	4	30
Chrysene	0.34	U	3.38	2.64		mg/Kg	☼	78	67 - 120	1	30
Dibenz(a,h)anthracene	0.034	U	3.38	2.98		mg/Kg	☼	88	66 - 128	1	30
Dibenzofuran	0.34	U	3.38	2.63		mg/Kg	☼	78	61 - 120	5	30
Diethyl phthalate	0.34	U	3.38	2.63		mg/Kg	☼	78	63 - 120	3	30
Dimethyl phthalate	0.34	U	3.38	2.65		mg/Kg	☼	78	65 - 120	5	30
Di-n-butyl phthalate	0.34	U	3.38	2.80		mg/Kg	☼	83	61 - 120	2	30
Di-n-octyl phthalate	0.34	U	3.38	2.87		mg/Kg	☼	85	61 - 123	2	30
Fluoranthene	0.34	U	3.38	2.81		mg/Kg	☼	83	61 - 120	2	30
Fluorene	0.34	U	3.38	2.63		mg/Kg	☼	78	64 - 120	3	30
Hexachlorobenzene	0.034	U	3.38	3.08		mg/Kg	☼	91	66 - 120	0	30
Hexachlorobutadiene	0.069	U	3.38	2.70		mg/Kg	☼	80	62 - 120	0	30
Hexachlorocyclopentadiene	0.34	U	3.38	2.20		mg/Kg	☼	65	32 - 150	3	30
Hexachloroethane	0.034	U	3.38	2.40		mg/Kg	☼	71	61 - 112	0	30
Indeno[1,2,3-cd]pyrene	0.034	U	3.38	3.07		mg/Kg	☼	91	63 - 137	1	30
Isophorone	0.14	U	3.38	2.28		mg/Kg	☼	68	61 - 120	1	30
Naphthalene	0.34	U	3.38	2.51		mg/Kg	☼	74	63 - 113	1	30
Nitrobenzene	0.034	U	3.38	2.57		mg/Kg	☼	76	63 - 120	2	30
N-Nitrosodi-n-propylamine	0.034	U	3.38	2.28		mg/Kg	☼	67	60 - 120	1	30
N-Nitrosodiphenylamine	0.34	U	3.38	2.74		mg/Kg	☼	81	63 - 120	1	30
Pentachlorophenol	0.27	U	6.76	5.74		mg/Kg	☼	85	61 - 126	0	30
Phenanthrene	0.34	U	3.38	2.73		mg/Kg	☼	81	66 - 120	0	30
Phenol	0.34	U	3.38	2.47		mg/Kg	☼	73	63 - 120	0	30
Pyrene	0.34	U	3.38	2.61		mg/Kg	☼	77	61 - 121	2	30
Pyridine			6.76	4.12		mg/Kg	☼				

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*18 - 137*
2-Fluorobiphenyl	*69*		*33 - 117*
2-Fluorophenol (Surr)	*70*		*24 - 120*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*
Phenol-d5 (Surr)	*65*		*28 - 118*
Terphenyl-d14 (Surr)	*71*		*33 - 124*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 460-1040043/4
Matrix: Solid
Analysis Batch: 1040043

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2.5	U	2.5	2.5	mg/Kg			05/28/25 11:57	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*75 - 150*		*05/28/25 11:57*	*50*

Lab Sample ID: LCS 460-1040043/2
Matrix: Solid
Analysis Batch: 1040043

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
GRO			20.0	17.9		mg/Kg		90	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*88*		*75 - 150*

Lab Sample ID: LCSD 460-1040043/3
Matrix: Solid
Analysis Batch: 1040043

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
GRO			20.0	19.5		mg/Kg		97	80 - 120	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*104*		*75 - 150*

Lab Sample ID: MB 460-1040218/4
Matrix: Solid
Analysis Batch: 1040218

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2.5	U	2.5	2.5	mg/Kg			05/29/25 04:52	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*117*		*75 - 150*		*05/29/25 04:52*	*50*

Lab Sample ID: LCS 460-1040218/2
Matrix: Solid
Analysis Batch: 1040218

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
GRO			20.0	18.3		mg/Kg		92	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*92*		*75 - 150*

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCSD 460-1040218/3
Matrix: Solid
Analysis Batch: 1040218

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
GRO			20.0	20.3		mg/Kg		101	80 - 120	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*101*		*75 - 150*

Lab Sample ID: MB 460-1040357/5
Matrix: Solid
Analysis Batch: 1040357

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2.5	U	2.5	2.5	mg/Kg			05/30/25 00:20	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*112*		*75 - 150*		*05/30/25 00:20*	*50*

Lab Sample ID: LCS 460-1040357/2
Matrix: Solid
Analysis Batch: 1040357

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
GRO			20.0	20.3		mg/Kg		101	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*91*		*75 - 150*

Lab Sample ID: LCSD 460-1040357/3
Matrix: Solid
Analysis Batch: 1040357

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
GRO			20.0	21.8		mg/Kg		109	80 - 120	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*107*		*75 - 150*

Lab Sample ID: MB 460-1040505/5
Matrix: Solid
Analysis Batch: 1040505

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2.5	U	2.5	2.5	mg/Kg			05/31/25 00:28	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*118*		*75 - 150*		*05/31/25 00:28*	*50*

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 460-1040505/2
Matrix: Solid
Analysis Batch: 1040505

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
GRO			20.0	20.5		mg/Kg		102	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*90*		*75 - 150*

Lab Sample ID: LCSD 460-1040505/3
Matrix: Solid
Analysis Batch: 1040505

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
GRO			20.0	22.4		mg/Kg		112	80 - 120	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*117*		*75 - 150*

Lab Sample ID: MB 460-1040959/5
Matrix: Solid
Analysis Batch: 1040959

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2.5	U	2.5	2.5	mg/Kg			06/02/25 13:46	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*112*		*75 - 150*		*06/02/25 13:46*	*50*

Lab Sample ID: LCS 460-1040959/2
Matrix: Solid
Analysis Batch: 1040959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
GRO			20.0	18.4		mg/Kg		92	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*86*		*75 - 150*

Lab Sample ID: LCSD 460-1040959/3
Matrix: Solid
Analysis Batch: 1040959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
GRO			20.0	22.4		mg/Kg		112	80 - 120	20	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*111*		*75 - 150*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 460-1040060/1-A
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040060

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	8.7	U	8.7	0.55	mg/Kg		05/28/25 18:27	05/30/25 10:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*77*		*10 - 150*	*05/28/25 18:27*	*05/30/25 10:34*	*1*

Lab Sample ID: LCS 460-1040060/2-A
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040060

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*73*		*10 - 150*

Lab Sample ID: LCSD 460-1040060/3-A
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040060

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*77*		*10 - 150*

Lab Sample ID: 460-326806-6 MS
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: B4-1B_3-5_20250522
Prep Type: Total/NA
Prep Batch: 1040060

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*85*		*10 - 150*

Lab Sample ID: 460-326806-6 MSD
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: B4-1B_3-5_20250522
Prep Type: Total/NA
Prep Batch: 1040060

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*74*		*10 - 150*

Lab Sample ID: MB 460-1040454/1-A
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040454

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	8.7	U	8.7	0.55	mg/Kg		05/30/25 08:36	05/30/25 16:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*75*		*10 - 150*	*05/30/25 08:36*	*05/30/25 16:34*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 460-1040454/2-A
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040454

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	85		10 - 150

Lab Sample ID: LCSD 460-1040454/3-A
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040454

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
o-Terphenyl	86		10 - 150

Lab Sample ID: 460-326691-13 MS
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: A2-3_8-10_20250520
Prep Type: Total/NA
Prep Batch: 1040454

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl	76		10 - 150

Lab Sample ID: 460-326691-13 MSD
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: A2-3_8-10_20250520
Prep Type: Total/NA
Prep Batch: 1040454

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	70		10 - 150

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1039986/1-A
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039986

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		05/28/25 10:52	05/29/25 04:09	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1039986/1-A
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039986

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
trans-Chlordane	0.0067	U	0.0067	0.0012	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
trans-Chlordane	0.0067	U	0.0067	0.0012	mg/Kg		05/28/25 10:52	05/29/25 04:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*17 - 150*	*05/28/25 10:52*	*05/29/25 04:09*	*1*
DCB Decachlorobiphenyl	*102*		*17 - 150*	*05/28/25 10:52*	*05/29/25 04:09*	*1*
Tetrachloro-m-xylene	*95*		*21 - 150*	*05/28/25 10:52*	*05/29/25 04:09*	*1*
Tetrachloro-m-xylene	*100*		*21 - 150*	*05/28/25 10:52*	*05/29/25 04:09*	*1*

Lab Sample ID: LCS 460-1039986/2-A
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039986

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.133	0.127		mg/Kg		96	70 - 138		
4,4'-DDD			0.133	0.130		mg/Kg		97	70 - 138		
4,4'-DDE			0.133	0.125		mg/Kg		94	68 - 136		
4,4'-DDE			0.133	0.136		mg/Kg		102	68 - 136		
4,4'-DDT			0.133	0.151		mg/Kg		113	66 - 149		
4,4'-DDT			0.133	0.141		mg/Kg		105	66 - 149		
Aldrin			0.133	0.120		mg/Kg		90	69 - 136		
Aldrin			0.133	0.133		mg/Kg		99	69 - 136		
alpha-BHC			0.133	0.126		mg/Kg		94	72 - 134		
alpha-BHC			0.133	0.140		mg/Kg		105	72 - 134		

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1039986/2-A
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039986

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
beta-BHC			0.133	0.117		mg/Kg		88	71 - 130		
beta-BHC			0.133	0.130		mg/Kg		98	71 - 130		
cis-Chlordane			0.133	0.124		mg/Kg		93	69 - 135		
cis-Chlordane			0.133	0.135		mg/Kg		101	69 - 135		
delta-BHC			0.133	0.130		mg/Kg		98	69 - 140		
delta-BHC			0.133	0.139		mg/Kg		105	69 - 140		
Dieldrin			0.133	0.121		mg/Kg		90	69 - 134		
Dieldrin			0.133	0.133		mg/Kg		100	69 - 134		
Endosulfan I			0.133	0.122		mg/Kg		92	69 - 133		
Endosulfan I			0.133	0.136		mg/Kg		102	69 - 133		
Endosulfan II			0.133	0.127		mg/Kg		95	71 - 137		
Endosulfan II			0.133	0.135		mg/Kg		101	71 - 137		
Endosulfan sulfate			0.133	0.132		mg/Kg		99	61 - 140		
Endosulfan sulfate			0.133	0.133		mg/Kg		100	61 - 140		
Endrin			0.133	0.129		mg/Kg		97	67 - 141		
Endrin			0.133	0.148		mg/Kg		111	67 - 141		
Endrin aldehyde			0.133	0.121		mg/Kg		91	71 - 136		
Endrin aldehyde			0.133	0.121		mg/Kg		90	71 - 136		
Endrin ketone			0.133	0.133		mg/Kg		99	60 - 146		
Endrin ketone			0.133	0.135		mg/Kg		101	60 - 146		
gamma-BHC (Lindane)			0.133	0.128		mg/Kg		96	72 - 139		
gamma-BHC (Lindane)			0.133	0.135		mg/Kg		101	72 - 139		
Heptachlor			0.133	0.135		mg/Kg		102	74 - 138		
Heptachlor			0.133	0.142		mg/Kg		106	74 - 138		
Heptachlor epoxide			0.133	0.123		mg/Kg		92	72 - 134		
Heptachlor epoxide			0.133	0.132		mg/Kg		99	72 - 134		
Methoxychlor			0.133	0.173		mg/Kg		130	60 - 150		
Methoxychlor			0.133	0.137		mg/Kg		102	60 - 150		
trans-Chlordane			0.133	0.124		mg/Kg		93	69 - 136		
trans-Chlordane			0.133	0.132		mg/Kg		99	69 - 136		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*83*		*17 - 150*
DCB Decachlorobiphenyl	*78*		*17 - 150*
Tetrachloro-m-xylene	*73*		*21 - 150*
Tetrachloro-m-xylene	*79*		*21 - 150*

Lab Sample ID: LCSD 460-1039986/3-A
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039986

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.138		mg/Kg		103	70 - 138	8	30
4,4'-DDD			0.133	0.155		mg/Kg		116	70 - 138	18	30
4,4'-DDE			0.133	0.136		mg/Kg		102	68 - 136	9	30
4,4'-DDE			0.133	0.161		mg/Kg		120	68 - 136	16	30
4,4'-DDT			0.133	0.163		mg/Kg		122	66 - 149	7	30
4,4'-DDT			0.133	0.166		mg/Kg		125	66 - 149	17	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1039986/3-A
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039986

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aldrin			0.133	0.130		mg/Kg		97	69 - 136	8	30
Aldrin			0.133	0.157		mg/Kg		118	69 - 136	17	30
alpha-BHC			0.133	0.137		mg/Kg		103	72 - 134	8	30
alpha-BHC			0.133	0.169		mg/Kg		127	72 - 134	19	30
beta-BHC			0.133	0.126		mg/Kg		94	71 - 130	7	30
beta-BHC			0.133	0.154		mg/Kg		116	71 - 130	17	30
cis-Chlordane			0.133	0.134		mg/Kg		101	69 - 135	8	30
cis-Chlordane			0.133	0.159		mg/Kg		119	69 - 135	16	30
delta-BHC			0.133	0.139		mg/Kg		104	69 - 140	7	30
delta-BHC			0.133	0.163		mg/Kg		122	69 - 140	15	30
Dieldrin			0.133	0.131		mg/Kg		98	69 - 134	8	30
Dieldrin			0.133	0.157		mg/Kg		118	69 - 134	17	30
Endosulfan I			0.133	0.124		mg/Kg		93	69 - 133	1	30
Endosulfan I			0.133	0.159		mg/Kg		120	69 - 133	16	30
Endosulfan II			0.133	0.138		mg/Kg		103	71 - 137	8	30
Endosulfan II			0.133	0.161		mg/Kg		120	71 - 137	17	30
Endosulfan sulfate			0.133	0.141		mg/Kg		106	61 - 140	7	30
Endosulfan sulfate			0.133	0.153		mg/Kg		115	61 - 140	14	30
Endrin			0.133	0.137		mg/Kg		102	67 - 141	6	30
Endrin			0.133	0.177		mg/Kg		132	67 - 141	18	30
Endrin aldehyde			0.133	0.129		mg/Kg		97	71 - 136	7	30
Endrin aldehyde			0.133	0.143		mg/Kg		107	71 - 136	17	30
Endrin ketone			0.133	0.138		mg/Kg		104	60 - 146	4	30
Endrin ketone			0.133	0.159		mg/Kg		119	60 - 146	17	30
gamma-BHC (Lindane)			0.133	0.139		mg/Kg		104	72 - 139	8	30
gamma-BHC (Lindane)			0.133	0.162		mg/Kg		122	72 - 139	18	30
Heptachlor			0.133	0.147		mg/Kg		110	74 - 138	8	30
Heptachlor			0.133	0.169		mg/Kg		127	74 - 138	17	30
Heptachlor epoxide			0.133	0.133		mg/Kg		100	72 - 134	8	30
Heptachlor epoxide			0.133	0.156		mg/Kg		117	72 - 134	16	30
Methoxychlor			0.133	0.186		mg/Kg		139	60 - 150	7	30
Methoxychlor			0.133	0.162		mg/Kg		122	60 - 150	17	30
trans-Chlordane			0.133	0.134		mg/Kg		101	69 - 136	8	30
trans-Chlordane			0.133	0.157		mg/Kg		118	69 - 136	17	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*93*		*17 - 150*
DCB Decachlorobiphenyl	*96*		*17 - 150*
Tetrachloro-m-xylene	*70*		*21 - 150*
Tetrachloro-m-xylene	*91*		*21 - 150*

Lab Sample ID: 460-326907-E-1-H MS
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039986

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0072	U	0.144	0.130		mg/Kg	☼	90	70 - 138
4,4'-DDD	0.0072	U	0.144	0.129		mg/Kg	☼	89	70 - 138

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-326907-E-1-H MS
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039986

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDE	0.0072	U	0.144	0.124		mg/Kg	☼	86	68 - 136
4,4'-DDE	0.0072	U	0.144	0.129		mg/Kg	☼	89	68 - 136
4,4'-DDT	0.0072	U	0.144	0.151		mg/Kg	☼	105	66 - 149
4,4'-DDT	0.0072	U	0.144	0.138		mg/Kg	☼	96	66 - 149
Aldrin	0.0072	U	0.144	0.115		mg/Kg	☼	80	69 - 136
Aldrin	0.0072	U	0.144	0.124		mg/Kg	☼	86	69 - 136
alpha-BHC	0.0022	U	0.144	0.118		mg/Kg	☼	82	72 - 134
alpha-BHC	0.0022	U	0.144	0.130		mg/Kg	☼	90	72 - 134
beta-BHC	0.0022	U	0.144	0.111		mg/Kg	☼	77	71 - 130
beta-BHC	0.0022	U	0.144	0.129		mg/Kg	☼	89	71 - 130
cis-Chlordane	0.0072	U	0.144	0.120		mg/Kg	☼	83	69 - 135
cis-Chlordane	0.0072	U	0.144	0.132		mg/Kg	☼	92	69 - 135
delta-BHC	0.0022	U	0.144	0.123		mg/Kg	☼	86	69 - 140
delta-BHC	0.0022	U	0.144	0.132		mg/Kg	☼	91	69 - 140
Dieldrin	0.0022	U	0.144	0.123		mg/Kg	☼	85	69 - 134
Dieldrin	0.0022	U	0.144	0.130		mg/Kg	☼	90	69 - 134
Endosulfan I	0.0072	U	0.144	0.121		mg/Kg	☼	84	69 - 133
Endosulfan I	0.0072	U	0.144	0.130		mg/Kg	☼	90	69 - 133
Endosulfan II	0.0072	U	0.144	0.130		mg/Kg	☼	90	71 - 137
Endosulfan II	0.0072	U	0.144	0.134		mg/Kg	☼	93	71 - 137
Endosulfan sulfate	0.0072	U	0.144	0.133		mg/Kg	☼	92	61 - 140
Endosulfan sulfate	0.0072	U	0.144	0.130		mg/Kg	☼	90	61 - 140
Endrin	0.0072	U	0.144	0.132		mg/Kg	☼	91	67 - 141
Endrin	0.0072	U	0.144	0.146		mg/Kg	☼	101	67 - 141
Endrin aldehyde	0.0072	U	0.144	0.113		mg/Kg	☼	78	71 - 136
Endrin aldehyde	0.0072	U	0.144	0.110		mg/Kg	☼	76	71 - 136
Endrin ketone	0.0072	U	0.144	0.137		mg/Kg	☼	95	60 - 146
Endrin ketone	0.0072	U	0.144	0.135		mg/Kg	☼	93	60 - 146
gamma-BHC (Lindane)	0.0022	U	0.144	0.117		mg/Kg	☼	81	72 - 139
gamma-BHC (Lindane)	0.0022	U	0.144	0.124		mg/Kg	☼	86	72 - 139
Heptachlor	0.0072	U	0.144	0.132		mg/Kg	☼	92	74 - 138
Heptachlor	0.0072	U	0.144	0.139		mg/Kg	☼	97	74 - 138
Heptachlor epoxide	0.0072	U	0.144	0.123		mg/Kg	☼	85	72 - 134
Heptachlor epoxide	0.0072	U	0.144	0.128		mg/Kg	☼	89	72 - 134
Methoxychlor	0.0072	U	0.144	0.178		mg/Kg	☼	123	60 - 150
Methoxychlor	0.0072	U	0.144	0.136		mg/Kg	☼	94	60 - 150
trans-Chlordane	0.0072	U	0.144	0.125		mg/Kg	☼	86	69 - 136
trans-Chlordane	0.0072	U	0.144	0.130		mg/Kg	☼	90	69 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*69*		*17 - 150*
DCB Decachlorobiphenyl	*76*		*17 - 150*
Tetrachloro-m-xylene	*78*		*21 - 150*
Tetrachloro-m-xylene	*95*		*21 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-326907-E-1-I MSD
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1039986

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0072	U	0.144	0.101		mg/Kg	☼	70	70 - 138	25	30
4,4'-DDD	0.0072	U	0.144	0.101		mg/Kg	☼	70	70 - 138	25	30
4,4'-DDE	0.0072	U	0.144	0.0958	*	mg/Kg	☼	66	68 - 136	25	30
4,4'-DDE	0.0072	U	0.144	0.0998		mg/Kg	☼	69	68 - 136	25	30
4,4'-DDT	0.0072	U	0.144	0.118		mg/Kg	☼	81	66 - 149	25	30
4,4'-DDT	0.0072	U	0.144	0.106		mg/Kg	☼	73	66 - 149	27	30
Aldrin	0.0072	U	0.144	0.0879	*	mg/Kg	☼	61	69 - 136	27	30
Aldrin	0.0072	U	0.144	0.0947	*	mg/Kg	☼	66	69 - 136	26	30
alpha-BHC	0.0022	U	0.144	0.0930	*	mg/Kg	☼	64	72 - 134	24	30
alpha-BHC	0.0022	U	0.144	0.0993	*	mg/Kg	☼	69	72 - 134	27	30
beta-BHC	0.0022	U	0.144	0.0853	*	mg/Kg	☼	59	71 - 130	26	30
beta-BHC	0.0022	U	0.144	0.0994	*	mg/Kg	☼	69	71 - 130	26	30
cis-Chlordane	0.0072	U	0.144	0.0927	*	mg/Kg	☼	64	69 - 135	26	30
cis-Chlordane	0.0072	U	0.144	0.102		mg/Kg	☼	70	69 - 135	26	30
delta-BHC	0.0022	U	0.144	0.0962	*	mg/Kg	☼	67	69 - 140	25	30
delta-BHC	0.0022	U	0.144	0.101		mg/Kg	☼	70	69 - 140	26	30
Dieldrin	0.0022	U	0.144	0.0953	*	mg/Kg	☼	66	69 - 134	25	30
Dieldrin	0.0022	U	0.144	0.101		mg/Kg	☼	70	69 - 134	26	30
Endosulfan I	0.0072	U	0.144	0.0938	*	mg/Kg	☼	65	69 - 133	25	30
Endosulfan I	0.0072	U	0.144	0.101		mg/Kg	☼	70	69 - 133	25	30
Endosulfan II	0.0072	U	0.144	0.102		mg/Kg	☼	71	71 - 137	24	30
Endosulfan II	0.0072	U	0.144	0.105		mg/Kg	☼	72	71 - 137	25	30
Endosulfan sulfate	0.0072	U	0.144	0.105		mg/Kg	☼	72	61 - 140	24	30
Endosulfan sulfate	0.0072	U	0.144	0.101		mg/Kg	☼	70	61 - 140	24	30
Endrin	0.0072	U	0.144	0.102		mg/Kg	☼	71	67 - 141	25	30
Endrin	0.0072	U	0.144	0.112		mg/Kg	☼	78	67 - 141	26	30
Endrin aldehyde	0.0072	U	0.144	0.0865	*	mg/Kg	☼	60	71 - 136	27	30
Endrin aldehyde	0.0072	U	0.144	0.0842	*	mg/Kg	☼	58	71 - 136	27	30
Endrin ketone	0.0072	U	0.144	0.107		mg/Kg	☼	74	60 - 146	24	30
Endrin ketone	0.0072	U	0.144	0.106		mg/Kg	☼	73	60 - 146	24	30
gamma-BHC (Lindane)	0.0022	U	0.144	0.0905	*	mg/Kg	☼	63	72 - 139	26	30
gamma-BHC (Lindane)	0.0022	U	0.144	0.0954	*	mg/Kg	☼	66	72 - 139	26	30
Heptachlor	0.0072	U	0.144	0.102	*	mg/Kg	☼	71	74 - 138	26	30
Heptachlor	0.0072	U	0.144	0.107		mg/Kg	☼	74	74 - 138	27	30
Heptachlor epoxide	0.0072	U	0.144	0.0949	*	mg/Kg	☼	66	72 - 134	26	30
Heptachlor epoxide	0.0072	U	0.144	0.0990	*	mg/Kg	☼	68	72 - 134	26	30
Methoxychlor	0.0072	U	0.144	0.139		mg/Kg	☼	96	60 - 150	25	30
Methoxychlor	0.0072	U	0.144	0.106		mg/Kg	☼	73	60 - 150	25	30
trans-Chlordane	0.0072	U	0.144	0.0964	*	mg/Kg	☼	67	69 - 136	26	30
trans-Chlordane	0.0072	U	0.144	0.100		mg/Kg	☼	69	69 - 136	26	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*67*		*17 - 150*
DCB Decachlorobiphenyl	*65*		*17 - 150*
Tetrachloro-m-xylene	*79*		*21 - 150*
Tetrachloro-m-xylene	*84*		*21 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1040502/1-A
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040502

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
trans-Chlordane	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
trans-Chlordane	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:27	05/31/25 10:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*05/30/25 10:27*	*05/31/25 10:55*	*1*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*05/30/25 10:27*	*05/31/25 10:55*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1040502/1-A
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040502

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	111		14 - 150	05/30/25 10:27	05/31/25 10:55	1
Tetrachloro-m-xylene	112		14 - 150	05/30/25 10:27	05/31/25 10:55	1

Lab Sample ID: LCS 460-1040502/2-A
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040502

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.161		mg/Kg		121	71 - 134
4,4'-DDD	0.133	0.150		mg/Kg		112	71 - 134
4,4'-DDE	0.133	0.156		mg/Kg		117	71 - 137
4,4'-DDE	0.133	0.145		mg/Kg		109	71 - 137
4,4'-DDT	0.133	0.150		mg/Kg		112	69 - 140
4,4'-DDT	0.133	0.136		mg/Kg		102	69 - 140
Aldrin	0.133	0.146		mg/Kg		109	68 - 136
Aldrin	0.133	0.139		mg/Kg		104	68 - 136
alpha-BHC	0.133	0.152		mg/Kg		114	71 - 136
alpha-BHC	0.133	0.145		mg/Kg		109	71 - 136
beta-BHC	0.133	0.141		mg/Kg		106	67 - 133
beta-BHC	0.133	0.138		mg/Kg		103	67 - 133
cis-Chlordane	0.133	0.154		mg/Kg		115	70 - 140
cis-Chlordane	0.133	0.144		mg/Kg		108	70 - 140
delta-BHC	0.133	0.140		mg/Kg		105	70 - 135
delta-BHC	0.133	0.138		mg/Kg		104	70 - 135
Dieldrin	0.133	0.151		mg/Kg		113	71 - 135
Dieldrin	0.133	0.140		mg/Kg		105	71 - 135
Endosulfan I	0.133	0.151		mg/Kg		113	70 - 141
Endosulfan I	0.133	0.143		mg/Kg		107	70 - 141
Endosulfan II	0.133	0.157		mg/Kg		117	75 - 141
Endosulfan II	0.133	0.145		mg/Kg		109	75 - 141
Endosulfan sulfate	0.133	0.142		mg/Kg		106	67 - 130
Endosulfan sulfate	0.133	0.124		mg/Kg		93	67 - 130
Endrin	0.133	0.142		mg/Kg		106	66 - 143
Endrin	0.133	0.135		mg/Kg		102	66 - 143
Endrin aldehyde	0.133	0.151		mg/Kg		113	70 - 132
Endrin aldehyde	0.133	0.135		mg/Kg		102	70 - 132
Endrin ketone	0.133	0.142		mg/Kg		107	66 - 137
Endrin ketone	0.133	0.130		mg/Kg		97	66 - 137
gamma-BHC (Lindane)	0.133	0.149		mg/Kg		112	71 - 137
gamma-BHC (Lindane)	0.133	0.142		mg/Kg		107	71 - 137
Heptachlor	0.133	0.146		mg/Kg		109	70 - 140
Heptachlor	0.133	0.141		mg/Kg		106	70 - 140
Heptachlor epoxide	0.133	0.149		mg/Kg		111	70 - 135
Heptachlor epoxide	0.133	0.140		mg/Kg		105	70 - 135
Methoxychlor	0.133	0.149		mg/Kg		112	63 - 138
Methoxychlor	0.133	0.137		mg/Kg		103	63 - 138
trans-Chlordane	0.133	0.153		mg/Kg		115	70 - 141
trans-Chlordane	0.133	0.143		mg/Kg		107	70 - 141

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1040502/2-A
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040502

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	88		10 - 150
DCB Decachlorobiphenyl	98		10 - 150
Tetrachloro-m-xylene	88		14 - 150
Tetrachloro-m-xylene	96		14 - 150

Lab Sample ID: LCSD 460-1040502/3-A
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040502

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.165		mg/Kg		124	71 - 134	2	30
4,4'-DDD			0.133	0.152		mg/Kg		114	71 - 134	1	30
4,4'-DDE			0.133	0.161		mg/Kg		121	71 - 137	3	30
4,4'-DDE			0.133	0.149		mg/Kg		112	71 - 137	3	30
4,4'-DDT			0.133	0.157		mg/Kg		117	69 - 140	4	30
4,4'-DDT			0.133	0.141		mg/Kg		106	69 - 140	4	30
Aldrin			0.133	0.150		mg/Kg		113	68 - 136	3	30
Aldrin			0.133	0.142		mg/Kg		106	68 - 136	2	30
alpha-BHC			0.133	0.155		mg/Kg		116	71 - 136	2	30
alpha-BHC			0.133	0.148		mg/Kg		111	71 - 136	2	30
beta-BHC			0.133	0.144		mg/Kg		108	67 - 133	2	30
beta-BHC			0.133	0.137		mg/Kg		103	67 - 133	0	30
cis-Chlordane			0.133	0.158		mg/Kg		119	70 - 140	3	30
cis-Chlordane			0.133	0.147		mg/Kg		111	70 - 140	3	30
delta-BHC			0.133	0.144		mg/Kg		108	70 - 135	3	30
delta-BHC			0.133	0.141		mg/Kg		106	70 - 135	2	30
Dieldrin			0.133	0.155		mg/Kg		116	71 - 135	3	30
Dieldrin			0.133	0.143		mg/Kg		107	71 - 135	2	30
Endosulfan I			0.133	0.156		mg/Kg		117	70 - 141	3	30
Endosulfan I			0.133	0.146		mg/Kg		109	70 - 141	2	30
Endosulfan II			0.133	0.162		mg/Kg		121	75 - 141	3	30
Endosulfan II			0.133	0.149		mg/Kg		112	75 - 141	2	30
Endosulfan sulfate			0.133	0.147		mg/Kg		110	67 - 130	3	30
Endosulfan sulfate			0.133	0.127		mg/Kg		95	67 - 130	2	30
Endrin			0.133	0.146		mg/Kg		110	66 - 143	3	30
Endrin			0.133	0.139		mg/Kg		104	66 - 143	3	30
Endrin aldehyde			0.133	0.155		mg/Kg		116	70 - 132	3	30
Endrin aldehyde			0.133	0.139		mg/Kg		104	70 - 132	2	30
Endrin ketone			0.133	0.149		mg/Kg		112	66 - 137	4	30
Endrin ketone			0.133	0.133		mg/Kg		100	66 - 137	3	30
gamma-BHC (Lindane)			0.133	0.152		mg/Kg		114	71 - 137	2	30
gamma-BHC (Lindane)			0.133	0.144		mg/Kg		108	71 - 137	1	30
Heptachlor			0.133	0.150		mg/Kg		112	70 - 140	3	30
Heptachlor			0.133	0.145		mg/Kg		108	70 - 140	3	30
Heptachlor epoxide			0.133	0.153		mg/Kg		115	70 - 135	3	30
Heptachlor epoxide			0.133	0.143		mg/Kg		107	70 - 135	2	30
Methoxychlor			0.133	0.155		mg/Kg		116	63 - 138	4	30
Methoxychlor			0.133	0.141		mg/Kg		105	63 - 138	3	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1040502/3-A
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040502

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-Chlordane			0.133	0.158		mg/Kg		119	70 - 141	3	30
trans-Chlordane			0.133	0.147		mg/Kg		110	70 - 141	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*95*		*10 - 150*
DCB Decachlorobiphenyl	*104*		*10 - 150*
Tetrachloro-m-xylene	*92*		*14 - 150*
Tetrachloro-m-xylene	*98*		*14 - 150*

Lab Sample ID: 460-326691-1 MS
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040502

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0075	U	0.149	0.120		mg/Kg	☼	81	70 - 138
4,4'-DDD	0.0075	U	0.149	0.118		mg/Kg	☼	80	70 - 138
4,4'-DDE	0.0075	U	0.149	0.120		mg/Kg	☼	81	68 - 136
4,4'-DDE	0.0075	U	0.149	0.117		mg/Kg	☼	79	68 - 136
4,4'-DDT	0.0075	U	0.149	0.128		mg/Kg	☼	86	66 - 149
4,4'-DDT	0.0075	U	0.149	0.116		mg/Kg	☼	78	66 - 149
Aldrin	0.0075	U	0.149	0.113		mg/Kg	☼	76	69 - 136
Aldrin	0.0075	U	0.149	0.109		mg/Kg	☼	73	69 - 136
alpha-BHC	0.0022	U	0.149	0.117		mg/Kg	☼	79	72 - 134
alpha-BHC	0.0022	U	0.149	0.114		mg/Kg	☼	77	72 - 134
beta-BHC	0.0022	U	0.149	0.106		mg/Kg	☼	71	71 - 130
beta-BHC	0.0022	U	0.149	0.105		mg/Kg	☼	71	71 - 130
cis-Chlordane	0.0075	U	0.149	0.118		mg/Kg	☼	80	69 - 135
cis-Chlordane	0.0075	U	0.149	0.115		mg/Kg	☼	77	69 - 135
delta-BHC	0.0022	U	0.149	0.105		mg/Kg	☼	70	69 - 140
delta-BHC	0.0022	U	0.149	0.105		mg/Kg	☼	70	69 - 140
Dieldrin	0.0022	U	0.149	0.118		mg/Kg	☼	79	69 - 134
Dieldrin	0.0022	U	0.149	0.110		mg/Kg	☼	74	69 - 134
Endosulfan I	0.0075	U	0.149	0.116		mg/Kg	☼	78	69 - 133
Endosulfan I	0.0075	U	0.149	0.109		mg/Kg	☼	74	69 - 133
Endosulfan II	0.0075	U	0.149	0.119		mg/Kg	☼	80	71 - 137
Endosulfan II	0.0075	U	0.149	0.112		mg/Kg	☼	76	71 - 137
Endosulfan sulfate	0.0075	U	0.149	0.110		mg/Kg	☼	74	61 - 140
Endosulfan sulfate	0.0075	U	0.149	0.0955		mg/Kg	☼	64	61 - 140
Endrin	0.0075	U	0.149	0.115		mg/Kg	☼	77	67 - 141
Endrin	0.0075	U	0.149	0.110		mg/Kg	☼	74	67 - 141
Endrin aldehyde	0.0075	U	0.149	0.102	*	mg/Kg	☼	69	71 - 136
Endrin aldehyde	0.0075	U	0.149	0.0941	*	mg/Kg	☼	63	71 - 136
Endrin ketone	0.0075	U	0.149	0.109		mg/Kg	☼	74	60 - 146
Endrin ketone	0.0075	U	0.149	0.0998		mg/Kg	☼	67	60 - 146
gamma-BHC (Lindane)	0.0022	U	0.149	0.115		mg/Kg	☼	77	72 - 139
gamma-BHC (Lindane)	0.0022	U	0.149	0.112		mg/Kg	☼	75	72 - 139
Heptachlor	0.0075	U	0.149	0.116		mg/Kg	☼	78	74 - 138
Heptachlor	0.0075	U	0.149	0.115		mg/Kg	☼	77	74 - 138

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-326691-1 MS
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040502

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Heptachlor epoxide	0.0075	U	0.149	0.117		mg/Kg	☼	79	72 - 134
Heptachlor epoxide	0.0075	U	0.149	0.111		mg/Kg	☼	75	72 - 134
Methoxychlor	0.0075	U	0.149	0.128		mg/Kg	☼	86	60 - 150
Methoxychlor	0.0075	U	0.149	0.121		mg/Kg	☼	81	60 - 150
trans-Chlordane	0.0075	U	0.149	0.119		mg/Kg	☼	80	69 - 136
trans-Chlordane	0.0075	U	0.149	0.112		mg/Kg	☼	75	69 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*80*		*17 - 150*
DCB Decachlorobiphenyl	*86*		*17 - 150*
Tetrachloro-m-xylene	*80*		*21 - 150*
Tetrachloro-m-xylene	*86*		*21 - 150*

Lab Sample ID: 460-326691-1 MSD
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040502

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0075	U	0.149	0.143		mg/Kg	☼	96	70 - 138	18	30
4,4'-DDD	0.0075	U	0.149	0.143		mg/Kg	☼	96	70 - 138	19	30
4,4'-DDE	0.0075	U	0.149	0.144		mg/Kg	☼	97	68 - 136	18	30
4,4'-DDE	0.0075	U	0.149	0.142		mg/Kg	☼	96	68 - 136	20	30
4,4'-DDT	0.0075	U	0.149	0.153		mg/Kg	☼	103	66 - 149	18	30
4,4'-DDT	0.0075	U	0.149	0.142		mg/Kg	☼	96	66 - 149	20	30
Aldrin	0.0075	U	0.149	0.135		mg/Kg	☼	91	69 - 136	18	30
Aldrin	0.0075	U	0.149	0.133		mg/Kg	☼	90	69 - 136	20	30
alpha-BHC	0.0022	U	0.149	0.138		mg/Kg	☼	93	72 - 134	17	30
alpha-BHC	0.0022	U	0.149	0.138		mg/Kg	☼	93	72 - 134	19	30
beta-BHC	0.0022	U	0.149	0.124		mg/Kg	☼	84	71 - 130	16	30
beta-BHC	0.0022	U	0.149	0.123		mg/Kg	☼	83	71 - 130	16	30
cis-Chlordane	0.0075	U	0.149	0.140		mg/Kg	☼	94	69 - 135	17	30
cis-Chlordane	0.0075	U	0.149	0.139		mg/Kg	☼	93	69 - 135	19	30
delta-BHC	0.0022	U	0.149	0.126		mg/Kg	☼	85	69 - 140	19	30
delta-BHC	0.0022	U	0.149	0.128		mg/Kg	☼	86	69 - 140	20	30
Dieldrin	0.0022	U	0.149	0.142		mg/Kg	☼	95	69 - 134	19	30
Dieldrin	0.0022	U	0.149	0.134		mg/Kg	☼	90	69 - 134	20	30
Endosulfan I	0.0075	U	0.149	0.138		mg/Kg	☼	93	69 - 133	17	30
Endosulfan I	0.0075	U	0.149	0.131		mg/Kg	☼	88	69 - 133	18	30
Endosulfan II	0.0075	U	0.149	0.141		mg/Kg	☼	95	71 - 137	17	30
Endosulfan II	0.0075	U	0.149	0.135		mg/Kg	☼	91	71 - 137	19	30
Endosulfan sulfate	0.0075	U	0.149	0.128		mg/Kg	☼	86	61 - 140	15	30
Endosulfan sulfate	0.0075	U	0.149	0.114		mg/Kg	☼	77	61 - 140	18	30
Endrin	0.0075	U	0.149	0.134		mg/Kg	☼	90	67 - 141	15	30
Endrin	0.0075	U	0.149	0.134		mg/Kg	☼	90	67 - 141	20	30
Endrin aldehyde	0.0075	U	0.149	0.116		mg/Kg	☼	78	71 - 136	13	30
Endrin aldehyde	0.0075	U	0.149	0.110		mg/Kg	☼	74	71 - 136	16	30
Endrin ketone	0.0075	U	0.149	0.128		mg/Kg	☼	86	60 - 146	15	30
Endrin ketone	0.0075	U	0.149	0.119		mg/Kg	☼	80	60 - 146	17	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-326691-1 MSD
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040502

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
gamma-BHC (Lindane)	0.0022	U	0.149	0.137		mg/Kg	☼	92	72 - 139	17	30
gamma-BHC (Lindane)	0.0022	U	0.149	0.136		mg/Kg	☼	91	72 - 139	19	30
Heptachlor	0.0075	U	0.149	0.139		mg/Kg	☼	93	74 - 138	18	30
Heptachlor	0.0075	U	0.149	0.138		mg/Kg	☼	93	74 - 138	19	30
Heptachlor epoxide	0.0075	U	0.149	0.139		mg/Kg	☼	94	72 - 134	18	30
Heptachlor epoxide	0.0075	U	0.149	0.136		mg/Kg	☼	92	72 - 134	21	30
Methoxychlor	0.0075	U	0.149	0.149		mg/Kg	☼	100	60 - 150	16	30
Methoxychlor	0.0075	U	0.149	0.146		mg/Kg	☼	98	60 - 150	19	30
trans-Chlordane	0.0075	U	0.149	0.149		mg/Kg	☼	100	69 - 136	22	30
trans-Chlordane	0.0075	U	0.149	0.137		mg/Kg	☼	92	69 - 136	20	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*74*		*17 - 150*
DCB Decachlorobiphenyl	*84*		*17 - 150*
Tetrachloro-m-xylene	*76*		*21 - 150*
Tetrachloro-m-xylene	*85*		*21 - 150*

Lab Sample ID: MB 460-1040504/1-A
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040504

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		05/30/25 10:35	05/30/25 20:36	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1040504/1-A
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040504

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
trans-Chlordane	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
trans-Chlordane	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:35	05/30/25 20:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*128*		*10 - 150*	*05/30/25 10:35*	*05/30/25 20:36*	*1*
DCB Decachlorobiphenyl	*111*		*10 - 150*	*05/30/25 10:35*	*05/30/25 20:36*	*1*
Tetrachloro-m-xylene	*99*		*14 - 150*	*05/30/25 10:35*	*05/30/25 20:36*	*1*
Tetrachloro-m-xylene	*104*		*14 - 150*	*05/30/25 10:35*	*05/30/25 20:36*	*1*

Lab Sample ID: LCS 460-1040504/2-A
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040504

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.172		mg/Kg		129	71 - 134
4,4'-DDD	0.133	0.170		mg/Kg		127	71 - 134
4,4'-DDE	0.133	0.164		mg/Kg		123	71 - 137
4,4'-DDE	0.133	0.171		mg/Kg		128	71 - 137
4,4'-DDT	0.133	0.207	*	mg/Kg		155	69 - 140
4,4'-DDT	0.133	0.182		mg/Kg		137	69 - 140
Aldrin	0.133	0.150		mg/Kg		113	68 - 136
Aldrin	0.133	0.165		mg/Kg		124	68 - 136
alpha-BHC	0.133	0.153		mg/Kg		115	71 - 136
alpha-BHC	0.133	0.171		mg/Kg		128	71 - 136
beta-BHC	0.133	0.143		mg/Kg		107	67 - 133
beta-BHC	0.133	0.165		mg/Kg		124	67 - 133
cis-Chlordane	0.133	0.159		mg/Kg		120	70 - 140
cis-Chlordane	0.133	0.173		mg/Kg		130	70 - 140
delta-BHC	0.133	0.154		mg/Kg		115	70 - 135
delta-BHC	0.133	0.165		mg/Kg		124	70 - 135
Dieldrin	0.133	0.160		mg/Kg		120	71 - 135
Dieldrin	0.133	0.169		mg/Kg		127	71 - 135

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1040504/2-A
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040504

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Endosulfan I			0.133	0.159		mg/Kg		119	70 - 141		
Endosulfan I			0.133	0.170		mg/Kg		127	70 - 141		
Endosulfan II			0.133	0.171		mg/Kg		129	75 - 141		
Endosulfan II			0.133	0.176		mg/Kg		132	75 - 141		
Endosulfan sulfate			0.133	0.173		mg/Kg		130	67 - 130		
Endosulfan sulfate			0.133	0.166		mg/Kg		125	67 - 130		
Endrin			0.133	0.171		mg/Kg		128	66 - 143		
Endrin			0.133	0.189		mg/Kg		142	66 - 143		
Endrin aldehyde			0.133	0.163		mg/Kg		122	70 - 132		
Endrin aldehyde			0.133	0.155		mg/Kg		117	70 - 132		
Endrin ketone			0.133	0.165		mg/Kg		124	66 - 137		
Endrin ketone			0.133	0.160		mg/Kg		120	66 - 137		
gamma-BHC (Lindane)			0.133	0.150		mg/Kg		112	71 - 137		
gamma-BHC (Lindane)			0.133	0.165		mg/Kg		124	71 - 137		
Heptachlor			0.133	0.175		mg/Kg		131	70 - 140		
Heptachlor			0.133	0.185		mg/Kg		139	70 - 140		
Heptachlor epoxide			0.133	0.160		mg/Kg		120	70 - 135		
Heptachlor epoxide			0.133	0.170		mg/Kg		128	70 - 135		
Methoxychlor			0.133	0.240	*	mg/Kg		180	63 - 138		
Methoxychlor			0.133	0.183		mg/Kg		137	63 - 138		
trans-Chlordane			0.133	0.164		mg/Kg		123	70 - 141		
trans-Chlordane			0.133	0.171		mg/Kg		128	70 - 141		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*108*		*10 - 150*
DCB Decachlorobiphenyl	*100*		*10 - 150*
Tetrachloro-m-xylene	*92*		*14 - 150*
Tetrachloro-m-xylene	*105*		*14 - 150*

Lab Sample ID: LCSD 460-1040504/3-A
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040504

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.169		mg/Kg		126	71 - 134	2	30
4,4'-DDD			0.133	0.162		mg/Kg		122	71 - 134	5	30
4,4'-DDE			0.133	0.163		mg/Kg		122	71 - 137	1	30
4,4'-DDE			0.133	0.164		mg/Kg		123	71 - 137	4	30
4,4'-DDT			0.133	0.200	*	mg/Kg		150	69 - 140	3	30
4,4'-DDT			0.133	0.171		mg/Kg		129	69 - 140	6	30
Aldrin			0.133	0.153		mg/Kg		115	68 - 136	2	30
Aldrin			0.133	0.158		mg/Kg		119	68 - 136	4	30
alpha-BHC			0.133	0.156		mg/Kg		117	71 - 136	2	30
alpha-BHC			0.133	0.164		mg/Kg		123	71 - 136	4	30
beta-BHC			0.133	0.145		mg/Kg		109	67 - 133	1	30
beta-BHC			0.133	0.158		mg/Kg		118	67 - 133	5	30
cis-Chlordane			0.133	0.158		mg/Kg		118	70 - 140	1	30
cis-Chlordane			0.133	0.167		mg/Kg		125	70 - 140	4	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1040504/3-A
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040504

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
delta-BHC			0.133	0.156		mg/Kg		117	70 - 135	2	30
delta-BHC			0.133	0.157		mg/Kg		118	70 - 135	5	30
Dieldrin			0.133	0.159		mg/Kg		119	71 - 135	0	30
Dieldrin			0.133	0.164		mg/Kg		123	71 - 135	3	30
Endosulfan I			0.133	0.158		mg/Kg		119	70 - 141	0	30
Endosulfan I			0.133	0.164		mg/Kg		123	70 - 141	3	30
Endosulfan II			0.133	0.169		mg/Kg		127	75 - 141	1	30
Endosulfan II			0.133	0.168		mg/Kg		126	75 - 141	4	30
Endosulfan sulfate			0.133	0.171		mg/Kg		128	67 - 130	1	30
Endosulfan sulfate			0.133	0.160		mg/Kg		120	67 - 130	4	30
Endrin			0.133	0.169		mg/Kg		127	66 - 143	1	30
Endrin			0.133	0.180		mg/Kg		135	66 - 143	5	30
Endrin aldehyde			0.133	0.162		mg/Kg		121	70 - 132	1	30
Endrin aldehyde			0.133	0.150		mg/Kg		112	70 - 132	4	30
Endrin ketone			0.133	0.165		mg/Kg		123	66 - 137	0	30
Endrin ketone			0.133	0.154		mg/Kg		115	66 - 137	4	30
gamma-BHC (Lindane)			0.133	0.154		mg/Kg		116	71 - 137	3	30
gamma-BHC (Lindane)			0.133	0.157		mg/Kg		118	71 - 137	5	30
Heptachlor			0.133	0.177		mg/Kg		133	70 - 140	1	30
Heptachlor			0.133	0.175		mg/Kg		131	70 - 140	5	30
Heptachlor epoxide			0.133	0.161		mg/Kg		121	70 - 135	1	30
Heptachlor epoxide			0.133	0.163		mg/Kg		122	70 - 135	4	30
Methoxychlor			0.133	0.233	*	mg/Kg		175	63 - 138	3	30
Methoxychlor			0.133	0.170		mg/Kg		127	63 - 138	7	30
trans-Chlordane			0.133	0.164		mg/Kg		123	70 - 141	0	30
trans-Chlordane			0.133	0.164		mg/Kg		123	70 - 141	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*118*		*10 - 150*
DCB Decachlorobiphenyl	*100*		*10 - 150*
Tetrachloro-m-xylene	*96*		*14 - 150*
Tetrachloro-m-xylene	*106*		*14 - 150*

Lab Sample ID: 460-327114-A-6-G MS
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040504

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0082	U	0.0812	0.122	*	mg/Kg	☼	150	71 - 134
4,4'-DDD	0.0082	U	0.0812	0.112	*	mg/Kg	☼	138	71 - 134
4,4'-DDE	0.0082	U	0.0812	0.146	*	mg/Kg	☼	180	71 - 137
4,4'-DDE	0.0082	U	0.0812	0.117	*	mg/Kg	☼	144	71 - 137
4,4'-DDT	0.0035	J	0.0812	0.159	*	mg/Kg	☼	191	69 - 140
4,4'-DDT	0.0035	J	0.0812	0.127	*	mg/Kg	☼	153	69 - 140
Aldrin	0.0082	U	0.0812	0.114	*	mg/Kg	☼	141	68 - 136
Aldrin	0.0082	U	0.0812	0.112	*	mg/Kg	☼	138	68 - 136
alpha-BHC	0.0024	U	0.0812	0.114	*	mg/Kg	☼	141	71 - 136
alpha-BHC	0.0024	U	0.0812	0.117	*	mg/Kg	☼	144	71 - 136

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-327114-A-6-G MS
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040504

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
beta-BHC	0.0024	U	0.0812	0.105		mg/Kg	☼	130	67 - 133
beta-BHC	0.0024	U	0.0812	0.113	*	mg/Kg	☼	139	67 - 133
cis-Chlordane	0.0064	J	0.0812	0.121	*	mg/Kg	☼	141	70 - 140
cis-Chlordane	0.0064	J	0.0812	0.123	*	mg/Kg	☼	144	70 - 140
delta-BHC	0.0024	U	0.0812	0.108		mg/Kg	☼	133	70 - 135
delta-BHC	0.0024	U	0.0812	0.107		mg/Kg	☼	131	70 - 135
Dieldrin	0.0024	U	0.0812	0.120	*	mg/Kg	☼	148	71 - 135
Dieldrin	0.0024	U	0.0812	0.117	*	mg/Kg	☼	144	71 - 135
Endosulfan I	0.0082	U	0.0812	0.121	*	mg/Kg	☼	149	70 - 141
Endosulfan I	0.0082	U	0.0812	0.119	*	mg/Kg	☼	147	70 - 141
Endosulfan II	0.0082	U	0.0812	0.125	*	mg/Kg	☼	154	75 - 141
Endosulfan II	0.0082	U	0.0812	0.115	*	mg/Kg	☼	142	75 - 141
Endosulfan sulfate	0.0082	U	0.0812	0.131	*	mg/Kg	☼	162	67 - 130
Endosulfan sulfate	0.0082	U	0.0812	0.110	*	mg/Kg	☼	135	67 - 130
Endrin	0.0082	U	0.0812	0.130	*	mg/Kg	☼	160	66 - 143
Endrin	0.0082	U	0.0812	0.135	*	mg/Kg	☼	167	66 - 143
Endrin aldehyde	0.0082	U	0.0812	0.105		mg/Kg	☼	129	70 - 132
Endrin aldehyde	0.0082	U	0.0812	0.0948		mg/Kg	☼	117	70 - 132
Endrin ketone	0.0082	U	0.0812	0.126	*	mg/Kg	☼	155	66 - 137
Endrin ketone	0.0082	U	0.0812	0.115	*	mg/Kg	☼	141	66 - 137
gamma-BHC (Lindane)	0.0024	U	0.0812	0.113	*	mg/Kg	☼	139	71 - 137
gamma-BHC (Lindane)	0.0024	U	0.0812	0.111		mg/Kg	☼	136	71 - 137
Heptachlor	0.0082	U	0.0812	0.134	*	mg/Kg	☼	165	70 - 140
Heptachlor	0.0082	U	0.0812	0.131	*	mg/Kg	☼	161	70 - 140
Heptachlor epoxide	0.0082	U	0.0812	0.121	*	mg/Kg	☼	149	70 - 135
Heptachlor epoxide	0.0082	U	0.0812	0.123	*	mg/Kg	☼	152	70 - 135
Methoxychlor	0.0082	U	0.0812	0.184	*	mg/Kg	☼	226	63 - 138
Methoxychlor	0.0082	U	0.0812	0.129	*	mg/Kg	☼	159	63 - 138
trans-Chlordane	0.0022	J	0.0812	0.122	*	mg/Kg	☼	148	70 - 141
trans-Chlordane	0.0031	J	0.0812	0.119	*	mg/Kg	☼	142	70 - 141

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*89*		*10 - 150*
DCB Decachlorobiphenyl	*87*		*10 - 150*
Tetrachloro-m-xylene	*66*		*14 - 150*
Tetrachloro-m-xylene	*80*		*14 - 150*

Lab Sample ID: 460-327114-A-6-H MSD
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040504

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0082	U	0.0812	0.0893	*	mg/Kg	☼	110	71 - 134	31	30
4,4'-DDD	0.0082	U	0.0812	0.0818	*	mg/Kg	☼	101	71 - 134	31	30
4,4'-DDE	0.0082	U	0.0812	0.122	*	mg/Kg	☼	151	71 - 137	17	30
4,4'-DDE	0.0082	U	0.0812	0.0832	*	mg/Kg	☼	103	71 - 137	34	30
4,4'-DDT	0.0035	J	0.0812	0.115	*	mg/Kg	☼	137	69 - 140	32	30
4,4'-DDT	0.0035	J	0.0812	0.0907	*	mg/Kg	☼	107	69 - 140	34	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-327114-A-6-H MSD
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040504

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aldrin	0.0082	U	0.0812	0.0831	*	mg/Kg	☼	102	68 - 136	32	30
Aldrin	0.0082	U	0.0812	0.0803	*	mg/Kg	☼	99	68 - 136	33	30
alpha-BHC	0.0024	U	0.0812	0.0827	*	mg/Kg	☼	102	71 - 136	32	30
alpha-BHC	0.0024	U	0.0812	0.0853	*	mg/Kg	☼	105	71 - 136	31	30
beta-BHC	0.0024	U	0.0812	0.0760	*	mg/Kg	☼	94	67 - 133	32	30
beta-BHC	0.0024	U	0.0812	0.0788	*	mg/Kg	☼	97	67 - 133	36	30
cis-Chlordane	0.0064	J	0.0812	0.0899		mg/Kg	☼	103	70 - 140	29	30
cis-Chlordane	0.0064	J	0.0812	0.0909		mg/Kg	☼	104	70 - 140	30	30
delta-BHC	0.0024	U	0.0812	0.0787	*	mg/Kg	☼	97	70 - 135	31	30
delta-BHC	0.0024	U	0.0812	0.0755	*	mg/Kg	☼	93	70 - 135	34	30
Dieldrin	0.0024	U	0.0812	0.0871	*	mg/Kg	☼	107	71 - 135	32	30
Dieldrin	0.0024	U	0.0812	0.0853	*	mg/Kg	☼	105	71 - 135	31	30
Endosulfan I	0.0082	U	0.0812	0.0876	*	mg/Kg	☼	108	70 - 141	32	30
Endosulfan I	0.0082	U	0.0812	0.0850	*	mg/Kg	☼	105	70 - 141	34	30
Endosulfan II	0.0082	U	0.0812	0.0906	*	mg/Kg	☼	112	75 - 141	32	30
Endosulfan II	0.0082	U	0.0812	0.0829	*	mg/Kg	☼	102	75 - 141	32	30
Endosulfan sulfate	0.0082	U	0.0812	0.0986		mg/Kg	☼	121	67 - 130	28	30
Endosulfan sulfate	0.0082	U	0.0812	0.0797	*	mg/Kg	☼	98	67 - 130	32	30
Endrin	0.0082	U	0.0812	0.0934	*	mg/Kg	☼	115	66 - 143	33	30
Endrin	0.0082	U	0.0812	0.0970	*	mg/Kg	☼	119	66 - 143	33	30
Endrin aldehyde	0.0082	U	0.0812	0.0756	*	mg/Kg	☼	93	70 - 132	33	30
Endrin aldehyde	0.0082	U	0.0812	0.0671	*	mg/Kg	☼	83	70 - 132	34	30
Endrin ketone	0.0082	U	0.0812	0.0921	*	mg/Kg	☼	113	66 - 137	31	30
Endrin ketone	0.0082	U	0.0812	0.0844		mg/Kg	☼	104	66 - 137	30	30
gamma-BHC (Lindane)	0.0024	U	0.0812	0.0804	*	mg/Kg	☼	99	71 - 137	34	30
gamma-BHC (Lindane)	0.0024	U	0.0812	0.0800	*	mg/Kg	☼	98	71 - 137	32	30
Heptachlor	0.0082	U	0.0812	0.0958	*	mg/Kg	☼	118	70 - 140	33	30
Heptachlor	0.0082	U	0.0812	0.0927	*	mg/Kg	☼	114	70 - 140	34	30
Heptachlor epoxide	0.0082	U	0.0812	0.0900		mg/Kg	☼	111	70 - 135	29	30
Heptachlor epoxide	0.0082	U	0.0812	0.0905	*	mg/Kg	☼	111	70 - 135	31	30
Methoxychlor	0.0082	U	0.0812	0.133	*	mg/Kg	☼	164	63 - 138	32	30
Methoxychlor	0.0082	U	0.0812	0.0943	*	mg/Kg	☼	116	63 - 138	31	30
trans-Chlordane	0.0022	J	0.0812	0.0882	*	mg/Kg	☼	106	70 - 141	32	30
trans-Chlordane	0.0031	J	0.0812	0.0856	*	mg/Kg	☼	102	70 - 141	32	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*93*		*10 - 150*
DCB Decachlorobiphenyl	*83*		*10 - 150*
Tetrachloro-m-xylene	*66*		*14 - 150*
Tetrachloro-m-xylene	*71*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1039985/1-A
Matrix: Solid
Analysis Batch: 1040114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1039985/1-A
Matrix: Solid
Analysis Batch: 1040114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*20 - 150*	*05/28/25 10:47*	*05/29/25 04:54*	*1*
DCB Decachlorobiphenyl	*101*		*20 - 150*	*05/28/25 10:47*	*05/29/25 04:54*	*1*
Tetrachloro-m-xylene	*107*		*20 - 150*	*05/28/25 10:47*	*05/29/25 04:54*	*1*
Tetrachloro-m-xylene	*127*		*20 - 150*	*05/28/25 10:47*	*05/29/25 04:54*	*1*

Lab Sample ID: LCS 460-1039985/2-A
Matrix: Solid
Analysis Batch: 1040114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039985

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.351		mg/Kg		105	54 - 136		
Aroclor 1016			0.333	0.358		mg/Kg		107	54 - 136		
Aroclor 1260			0.333	0.360		mg/Kg		108	53 - 145		
Aroclor 1260			0.333	0.392		mg/Kg		118	53 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*94*		*20 - 150*
DCB Decachlorobiphenyl	*103*		*20 - 150*
Tetrachloro-m-xylene	*110*		*20 - 150*
Tetrachloro-m-xylene	*130*		*20 - 150*

Lab Sample ID: LCSD 460-1039985/3-A
Matrix: Solid
Analysis Batch: 1040114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039985

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.362		mg/Kg		109	54 - 136	3	30

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1039985/3-A
Matrix: Solid
Analysis Batch: 1040114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039985

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.358		mg/Kg		107	54 - 136	0	30
Aroclor 1260			0.333	0.369		mg/Kg		111	53 - 145	3	30
Aroclor 1260			0.333	0.379		mg/Kg		114	53 - 145	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*97*		*20 - 150*
DCB Decachlorobiphenyl	*105*		*20 - 150*
Tetrachloro-m-xylene	*111*		*20 - 150*
Tetrachloro-m-xylene	*133*		*20 - 150*

Lab Sample ID: 460-326907-E-1-E MS
Matrix: Solid
Analysis Batch: 1040114

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039985

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.072	U	0.361	0.413		mg/Kg	☼	115	54 - 136
Aroclor 1016	0.072	U	0.361	0.373		mg/Kg	☼	103	54 - 136
Aroclor 1260	0.072	U	0.361	0.294		mg/Kg	☼	81	53 - 145
Aroclor 1260	0.072	U	0.361	0.349		mg/Kg	☼	97	53 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*100*		*20 - 150*
DCB Decachlorobiphenyl	*84*		*20 - 150*
Tetrachloro-m-xylene	*105*		*20 - 150*
Tetrachloro-m-xylene	*101*		*20 - 150*

Lab Sample ID: 460-326907-E-1-F MSD
Matrix: Solid
Analysis Batch: 1040114

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1039985

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.072	U	0.361	0.510	*	mg/Kg	☼	141	54 - 136	21	30
Aroclor 1016	0.072	U	0.361	0.464		mg/Kg	☼	128	54 - 136	22	30
Aroclor 1260	0.072	U	0.361	0.378		mg/Kg	☼	105	53 - 145	25	30
Aroclor 1260	0.072	U	0.361	0.493	*	mg/Kg	☼	137	53 - 145	34	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*115*		*20 - 150*
DCB Decachlorobiphenyl	*110*		*20 - 150*
Tetrachloro-m-xylene	*136*		*20 - 150*
Tetrachloro-m-xylene	*129*		*20 - 150*

Lab Sample ID: MB 460-1040500/1-A
Matrix: Solid
Analysis Batch: 1040621

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1040500/1-A
Matrix: Solid
Analysis Batch: 1040621

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*134*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:07*	*1*
DCB Decachlorobiphenyl	*134*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:07*	*1*
Tetrachloro-m-xylene	*125*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:07*	*1*
Tetrachloro-m-xylene	*118*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:07*	*1*

Lab Sample ID: LCS 460-1040500/2-A
Matrix: Solid
Analysis Batch: 1040621

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040500

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.377		mg/Kg		113	54 - 136		
Aroclor 1016			0.333	0.375		mg/Kg		113	54 - 136		
Aroclor 1260			0.333	0.370		mg/Kg		111	53 - 145		
Aroclor 1260			0.333	0.401		mg/Kg		120	53 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*122*		*20 - 150*
DCB Decachlorobiphenyl	*133*		*20 - 150*
Tetrachloro-m-xylene	*114*		*20 - 150*
Tetrachloro-m-xylene	*112*		*20 - 150*

Lab Sample ID: LCSD 460-1040500/3-A
Matrix: Solid
Analysis Batch: 1040621

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040500

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.384		mg/Kg		115	54 - 136	2	30

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1040500/3-A
Matrix: Solid
Analysis Batch: 1040621

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040500

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.359		mg/Kg		108	54 - 136	4	30
Aroclor 1260			0.333	0.367		mg/Kg		110	53 - 145	1	30
Aroclor 1260			0.333	0.361		mg/Kg		108	53 - 145	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*127*		*20 - 150*
DCB Decachlorobiphenyl	*123*		*20 - 150*
Tetrachloro-m-xylene	*118*		*20 - 150*
Tetrachloro-m-xylene	*109*		*20 - 150*

Lab Sample ID: 460-326691-1 MS
Matrix: Solid
Analysis Batch: 1040621

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040500

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.075	U	0.371	0.507	*	mg/Kg	☼	137	54 - 136
Aroclor 1016	0.075	U	0.371	0.453		mg/Kg	☼	122	54 - 136
Aroclor 1260	0.075	U	0.371	0.569	*	mg/Kg	☼	153	53 - 145
Aroclor 1260	0.075	U	0.371	0.415		mg/Kg	☼	112	53 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*162*	*	*20 - 150*
DCB Decachlorobiphenyl	*125*		*20 - 150*
Tetrachloro-m-xylene	*151*	*	*20 - 150*
Tetrachloro-m-xylene	*111*		*20 - 150*

Lab Sample ID: 460-326691-1 MSD
Matrix: Solid
Analysis Batch: 1040621

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040500

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.075	U	0.371	0.459		mg/Kg	☼	124	54 - 136	10	30
Aroclor 1016	0.075	U	0.371	0.454		mg/Kg	☼	122	54 - 136	0	30
Aroclor 1260	0.075	U	0.371	0.452		mg/Kg	☼	122	53 - 145	23	30
Aroclor 1260	0.075	U	0.371	0.433		mg/Kg	☼	117	53 - 145	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*137*		*20 - 150*
DCB Decachlorobiphenyl	*130*		*20 - 150*
Tetrachloro-m-xylene	*129*		*20 - 150*
Tetrachloro-m-xylene	*120*		*20 - 150*

Lab Sample ID: MB 460-1040503/1-A
Matrix: Solid
Analysis Batch: 1040618

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1040503/1-A
Matrix: Solid
Analysis Batch: 1040618

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*05/30/25 10:29*	*05/30/25 20:07*	*1*
DCB Decachlorobiphenyl	*140*		*10 - 150*	*05/30/25 10:29*	*05/30/25 20:07*	*1*
Tetrachloro-m-xylene	*111*		*10 - 150*	*05/30/25 10:29*	*05/30/25 20:07*	*1*
Tetrachloro-m-xylene	*119*		*10 - 150*	*05/30/25 10:29*	*05/30/25 20:07*	*1*

Lab Sample ID: LCS 460-1040503/2-A
Matrix: Solid
Analysis Batch: 1040618

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040503

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.332		mg/Kg		100	59 - 149		
Aroclor 1016			0.333	0.371		mg/Kg		111	59 - 149		
Aroclor 1260			0.333	0.395		mg/Kg		119	62 - 145		
Aroclor 1260			0.333	0.430		mg/Kg		129	62 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*123*		*10 - 150*
DCB Decachlorobiphenyl	*145*		*10 - 150*
Tetrachloro-m-xylene	*99*		*10 - 150*
Tetrachloro-m-xylene	*116*		*10 - 150*

Lab Sample ID: LCSD 460-1040503/3-A
Matrix: Solid
Analysis Batch: 1040618

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040503

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.344		mg/Kg		103	59 - 149	4	30

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1040503/3-A
Matrix: Solid
Analysis Batch: 1040618

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040503

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.360		mg/Kg		108	59 - 149	3	30
Aroclor 1260			0.333	0.360		mg/Kg		108	62 - 145	9	30
Aroclor 1260			0.333	0.375		mg/Kg		112	62 - 145	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*114*		*10 - 150*
DCB Decachlorobiphenyl	*134*		*10 - 150*
Tetrachloro-m-xylene	*103*		*10 - 150*
Tetrachloro-m-xylene	*111*		*10 - 150*

Lab Sample ID: 460-327114-A-6-D MS
Matrix: Solid
Analysis Batch: 1040618

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040503

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.082	U	0.406	0.344		mg/Kg	☼	85	59 - 149
Aroclor 1016	0.082	U	0.406	0.331		mg/Kg	☼	82	59 - 149
Aroclor 1260	0.082	U	0.406	0.332		mg/Kg	☼	82	62 - 145
Aroclor 1260	0.082	U	0.406	0.345		mg/Kg	☼	85	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*90*		*10 - 150*
DCB Decachlorobiphenyl	*99*		*10 - 150*
Tetrachloro-m-xylene	*72*		*10 - 150*
Tetrachloro-m-xylene	*81*		*10 - 150*

Lab Sample ID: 460-327114-A-6-E MSD
Matrix: Solid
Analysis Batch: 1040618

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040503

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.082	U	0.406	0.435		mg/Kg	☼	107	59 - 149	23	30
Aroclor 1016	0.082	U	0.406	0.435		mg/Kg	☼	107	59 - 149	27	30
Aroclor 1260	0.082	U	0.406	0.422		mg/Kg	☼	104	62 - 145	24	30
Aroclor 1260	0.082	U	0.406	0.436		mg/Kg	☼	107	62 - 145	23	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*133*		*10 - 150*
DCB Decachlorobiphenyl	*138*		*10 - 150*
Tetrachloro-m-xylene	*107*		*10 - 150*
Tetrachloro-m-xylene	*118*		*10 - 150*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 460-1039660/1-A
Matrix: Solid
Analysis Batch: 1039894

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039660

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/27/25 07:05	05/28/25 11:24	1
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/27/25 07:05	05/28/25 11:24	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/27/25 07:05	05/28/25 11:24	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/27/25 07:05	05/28/25 11:24	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/27/25 07:05	05/28/25 11:24	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/27/25 07:05	05/28/25 11:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*121*		*41 - 150*	*05/27/25 07:05*	*05/28/25 11:24*	*1*
2,4-Dichlorophenylacetic acid	*123*		*41 - 150*	*05/27/25 07:05*	*05/28/25 11:24*	*1*

Lab Sample ID: LCS 460-1039660/2-A
Matrix: Solid
Analysis Batch: 1039894

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039660

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.0417	0.0452		mg/Kg		108	69 - 150
2,4,5-T	0.0417	0.0532		mg/Kg		128	69 - 150
2,4-D	0.167	0.164		mg/Kg		99	78 - 150
2,4-D	0.167	0.184		mg/Kg		110	78 - 150
Silvex (2,4,5-TP)	0.0417	0.0477		mg/Kg		115	78 - 150
Silvex (2,4,5-TP)	0.0417	0.0535		mg/Kg		128	78 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*126*		*41 - 150*
2,4-Dichlorophenylacetic acid	*128*		*41 - 150*

Lab Sample ID: LCSD 460-1039660/3-A
Matrix: Solid
Analysis Batch: 1039894

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039660

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.0417	0.0498		mg/Kg		120	69 - 150	10	30
2,4,5-T	0.0417	0.0581		mg/Kg		140	69 - 150	9	30
2,4-D	0.167	0.184		mg/Kg		110	78 - 150	11	30
2,4-D	0.167	0.202		mg/Kg		121	78 - 150	9	30
Silvex (2,4,5-TP)	0.0417	0.0521		mg/Kg		125	78 - 150	9	30
Silvex (2,4,5-TP)	0.0417	0.0576		mg/Kg		138	78 - 150	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*143*		*41 - 150*
2,4-Dichlorophenylacetic acid	*146*		*41 - 150*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 460-326784-A-2-A MS
Matrix: Solid
Analysis Batch: 1039894

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039660

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.034	U	0.0421	0.0482		mg/Kg	☼	114	69 - 150
2,4,5-T	0.034	U	0.0421	0.0568		mg/Kg	☼	135	69 - 150
2,4-D	0.034	U	0.168	0.187		mg/Kg	☼	111	78 - 150
2,4-D	0.034	U	0.168	0.196		mg/Kg	☼	116	78 - 150
Silvex (2,4,5-TP)	0.034	U	0.0421	0.0511		mg/Kg	☼	121	78 - 150
Silvex (2,4,5-TP)	0.034	U	0.0421	0.0611		mg/Kg	☼	145	78 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*167*	*	*41 - 150*
2,4-Dichlorophenylacetic acid	*163*	*	*41 - 150*

Lab Sample ID: 460-326784-A-2-B MSD
Matrix: Solid
Analysis Batch: 1039894

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1039660

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.034	U	0.0421	0.0544		mg/Kg	☼	129	69 - 150	12	30
2,4,5-T	0.034	U	0.0421	0.0627		mg/Kg	☼	149	69 - 150	10	30
2,4-D	0.034	U	0.168	0.208		mg/Kg	☼	123	78 - 150	10	30
2,4-D	0.034	U	0.168	0.219		mg/Kg	☼	130	78 - 150	11	30
Silvex (2,4,5-TP)	0.034	U	0.0421	0.0575		mg/Kg	☼	137	78 - 150	12	30
Silvex (2,4,5-TP)	0.034	U	0.0421	0.0706	*	mg/Kg	☼	168	78 - 150	14	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*182*	*	*41 - 150*
2,4-Dichlorophenylacetic acid	*180*	*	*41 - 150*

Lab Sample ID: MB 460-1040404/1-A
Matrix: Solid
Analysis Batch: 1040422

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/30/25 05:32	05/30/25 19:07	1
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/30/25 05:32	05/30/25 19:07	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/30/25 05:32	05/30/25 19:07	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/30/25 05:32	05/30/25 19:07	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/30/25 05:32	05/30/25 19:07	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/30/25 05:32	05/30/25 19:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*155*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 19:07*	*1*
2,4-Dichlorophenylacetic acid	*157*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 19:07*	*1*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 460-1040404/2-A
Matrix: Solid
Analysis Batch: 1040422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040404

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4,5-T			0.0417	0.0547		mg/Kg		131	69 - 150		
2,4,5-T			0.0417	0.0627		mg/Kg		150	69 - 150		
2,4-D			0.167	0.200		mg/Kg		120	78 - 150		
2,4-D			0.167	0.208		mg/Kg		125	78 - 150		
Silvex (2,4,5-TP)			0.0417	0.0571		mg/Kg		137	78 - 150		
Silvex (2,4,5-TP)			0.0417	0.0651	*	mg/Kg		156	78 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*150*		*41 - 150*
2,4-Dichlorophenylacetic acid	*153*	*	*41 - 150*

Lab Sample ID: LCSD 460-1040404/3-A
Matrix: Solid
Analysis Batch: 1040422

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040404

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T			0.0417	0.0493		mg/Kg		118	69 - 150	10	30
2,4,5-T			0.0417	0.0551		mg/Kg		132	69 - 150	13	30
2,4-D			0.167	0.180		mg/Kg		108	78 - 150	11	30
2,4-D			0.167	0.187		mg/Kg		112	78 - 150	11	30
Silvex (2,4,5-TP)			0.0417	0.0507		mg/Kg		122	78 - 150	12	30
Silvex (2,4,5-TP)			0.0417	0.0547		mg/Kg		131	78 - 150	17	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*134*		*41 - 150*
2,4-Dichlorophenylacetic acid	*137*		*41 - 150*

Lab Sample ID: 460-327070-E-1-A MSD
Matrix: Solid
Analysis Batch: 1040422

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.036	U	0.0456	0.0593		mg/Kg	☼	130	69 - 150	16	30
2,4,5-T	0.036	U	0.0456	0.0663		mg/Kg	☼	146	69 - 150	11	30
2,4-D	0.036	U	0.182	0.216		mg/Kg	☼	118	78 - 150	13	30
2,4-D	0.036	U	0.182	0.291	*	mg/Kg	☼	160	78 - 150	9	30
Silvex (2,4,5-TP)	0.036	U *	0.0456	0.0589		mg/Kg	☼	129	78 - 150	15	30
Silvex (2,4,5-TP)	0.036	U *	0.0456	0.0720	*	mg/Kg	☼	158	78 - 150	10	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*172*	*	*41 - 150*
2,4-Dichlorophenylacetic acid	*182*	*	*41 - 150*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 460-327070-F-1-A MS
Matrix: Solid
Analysis Batch: 1040422

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.036	U	0.0455	0.0503		mg/Kg	☼	111	69 - 150
2,4,5-T	0.036	U	0.0455	0.0594		mg/Kg	☼	131	69 - 150
2,4-D	0.036	U	0.182	0.190		mg/Kg	☼	104	78 - 150
2,4-D	0.036	U	0.182	0.265		mg/Kg	☼	146	78 - 150
Silvex (2,4,5-TP)	0.036	U *	0.0455	0.0507		mg/Kg	☼	112	78 - 150
Silvex (2,4,5-TP)	0.036	U *	0.0455	0.0653		mg/Kg	☼	144	78 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*148*		*41 - 150*
2,4-Dichlorophenylacetic acid	*161*	*	*41 - 150*

Lab Sample ID: MB 460-1040418/1-A
Matrix: Solid
Analysis Batch: 1040694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040418

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/30/25 06:13	05/31/25 08:43	1
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/30/25 06:13	05/31/25 08:43	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/30/25 06:13	05/31/25 08:43	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/30/25 06:13	05/31/25 08:43	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/30/25 06:13	05/31/25 08:43	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/30/25 06:13	05/31/25 08:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*152*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 08:43*	*1*
2,4-Dichlorophenylacetic acid	*155*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 08:43*	*1*

Lab Sample ID: LCS 460-1040418/2-A
Matrix: Solid
Analysis Batch: 1040694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040418

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.0417	0.0562		mg/Kg		135	10 - 150
2,4,5-T	0.0417	0.0642	*	mg/Kg		154	10 - 150
2,4-D	0.167	0.205		mg/Kg		123	10 - 150
2,4-D	0.167	0.211		mg/Kg		126	10 - 150
Silvex (2,4,5-TP)	0.0417	0.0582		mg/Kg		140	22 - 150
Silvex (2,4,5-TP)	0.0417	0.0662	*	mg/Kg		159	22 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*155*	*	*38 - 150*
2,4-Dichlorophenylacetic acid	*158*	*	*38 - 150*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCSD 460-1040418/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040694
Prep Batch: 1040418

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T			0.0417	0.0726	*	mg/Kg		174	10 - 150	25	30
2,4,5-T			0.0417	0.0806	*	mg/Kg		193	10 - 150	23	30
2,4-D			0.167	0.254	*	mg/Kg		152	10 - 150	21	30
2,4-D			0.167	0.259	*	mg/Kg		156	10 - 150	21	30
Silvex (2,4,5-TP)			0.0417	0.0737	*	mg/Kg		177	22 - 150	24	30
Silvex (2,4,5-TP)			0.0417	0.0797	*	mg/Kg		191	22 - 150	19	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*148*		*38 - 150*
2,4-Dichlorophenylacetic acid	*150*		*38 - 150*

Lab Sample ID: 460-327048-8 MS
Client Sample ID: B1_5-10_20250519
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040694
Prep Batch: 1040418

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.035	U *	0.0436	0.0460		mg/Kg	☼	106	10 - 150
2,4,5-T	0.035	U *	0.0436	0.0534		mg/Kg	☼	123	10 - 150
2,4-D	0.035	U *	0.174	0.182		mg/Kg	☼	104	10 - 150
2,4-D	0.035	U *	0.174	0.183		mg/Kg	☼	105	10 - 150
Silvex (2,4,5-TP)	0.035	U *	0.0436	0.0479		mg/Kg	☼	110	22 - 150
Silvex (2,4,5-TP)	0.035	U *	0.0436	0.0512		mg/Kg	☼	118	22 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*143*		*38 - 150*
2,4-Dichlorophenylacetic acid	*162*	*	*38 - 150*

Lab Sample ID: 460-327048-8 MSD
Client Sample ID: B1_5-10_20250519
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040694
Prep Batch: 1040418

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.035	U *	0.0436	0.0476		mg/Kg	☼	109	10 - 150	3	30
2,4,5-T	0.035	U *	0.0436	0.0552		mg/Kg	☼	127	10 - 150	3	30
2,4-D	0.035	U *	0.174	0.178		mg/Kg	☼	102	10 - 150	2	30
2,4-D	0.035	U *	0.174	0.194		mg/Kg	☼	111	10 - 150	6	30
Silvex (2,4,5-TP)	0.035	U *	0.0436	0.0477		mg/Kg	☼	109	22 - 150	0	30
Silvex (2,4,5-TP)	0.035	U *	0.0436	0.0569		mg/Kg	☼	130	22 - 150	10	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*140*		*38 - 150*
2,4-Dichlorophenylacetic acid	*159*	*	*38 - 150*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 460-1040667/1-A
Matrix: Solid
Analysis Batch: 1040694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040667

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/31/25 04:52	05/31/25 22:36	1
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/31/25 04:52	05/31/25 22:36	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/31/25 04:52	05/31/25 22:36	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/31/25 04:52	05/31/25 22:36	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/31/25 04:52	05/31/25 22:36	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/31/25 04:52	05/31/25 22:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*87*		*41 - 150*	*05/31/25 04:52*	*05/31/25 22:36*	*1*
2,4-Dichlorophenylacetic acid	*90*		*41 - 150*	*05/31/25 04:52*	*05/31/25 22:36*	*1*

Lab Sample ID: LCS 460-1040667/2-A
Matrix: Solid
Analysis Batch: 1040694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040667

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.0417	0.0520		mg/Kg		125	69 - 150
2,4,5-T	0.0417	0.0718	*	mg/Kg		172	69 - 150
2,4-D	0.167	0.157		mg/Kg		94	78 - 150
2,4-D	0.167	0.161		mg/Kg		96	78 - 150
Silvex (2,4,5-TP)	0.0417	0.0427		mg/Kg		102	78 - 150
Silvex (2,4,5-TP)	0.0417	0.0486		mg/Kg		117	78 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*95*		*41 - 150*
2,4-Dichlorophenylacetic acid	*98*		*41 - 150*

Lab Sample ID: LCSD 460-1040667/3-A
Matrix: Solid
Analysis Batch: 1040694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040667

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.0417	0.0552		mg/Kg		133	69 - 150	6	30
2,4,5-T	0.0417	0.0701	*	mg/Kg		168	69 - 150	2	30
2,4-D	0.167	0.155		mg/Kg		93	78 - 150	1	30
2,4-D	0.167	0.155		mg/Kg		93	78 - 150	4	30
Silvex (2,4,5-TP)	0.0417	0.0424		mg/Kg		102	78 - 150	1	30
Silvex (2,4,5-TP)	0.0417	0.0456		mg/Kg		110	78 - 150	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*78*		*41 - 150*
2,4-Dichlorophenylacetic acid	*80*		*41 - 150*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 460-327159-E-4-D MS
Matrix: Solid
Analysis Batch: 1040694

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040667

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.040	U *	0.0505	0.0641		mg/Kg	☼	127	69 - 150
2,4,5-T	0.040	U *	0.0505	0.0729		mg/Kg	☼	144	69 - 150
2,4-D	0.040	U	0.202	0.231		mg/Kg	☼	114	78 - 150
2,4-D	0.040	U	0.202	0.242		mg/Kg	☼	120	78 - 150
Silvex (2,4,5-TP)	0.040	U	0.0505	0.0646		mg/Kg	☼	128	78 - 150
Silvex (2,4,5-TP)	0.040	U	0.0505	0.0750		mg/Kg	☼	149	78 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*109*		*41 - 150*
2,4-Dichlorophenylacetic acid	*112*		*41 - 150*

Lab Sample ID: 460-327159-E-4-E MSD
Matrix: Solid
Analysis Batch: 1040694

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040667

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.040	U *	0.0505	0.0638		mg/Kg	☼	126	69 - 150	0	30
2,4,5-T	0.040	U *	0.0505	0.0710		mg/Kg	☼	140	69 - 150	3	30
2,4-D	0.040	U	0.202	0.230		mg/Kg	☼	114	78 - 150	0	30
2,4-D	0.040	U	0.202	0.239		mg/Kg	☼	118	78 - 150	1	30
Silvex (2,4,5-TP)	0.040	U	0.0505	0.0640		mg/Kg	☼	127	78 - 150	1	30
Silvex (2,4,5-TP)	0.040	U	0.0505	0.0748		mg/Kg	☼	148	78 - 150	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*114*		*41 - 150*
2,4-Dichlorophenylacetic acid	*117*		*41 - 150*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Lab Sample ID: MB 460-1039957/1-A
Matrix: Solid
Analysis Batch: 1039829

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039957

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	14	U	14	14	mg/Kg		05/28/25 09:28	05/28/25 19:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*110*		*40 - 140*	*05/28/25 09:28*	*05/28/25 19:02*	*1*
1-Chlorooctadecane	*128*		*40 - 140*	*05/28/25 09:28*	*05/28/25 19:02*	*1*

Lab Sample ID: LCS 460-1039957/2-A
Matrix: Solid
Analysis Batch: 1039829

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039957

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total EPH (C9-C40)	133	154		mg/Kg		116	40 - 140

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: LCS 460-1039957/2-A
Matrix: Solid
Analysis Batch: 1039829

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039957

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	114		40 - 140
1-Chlorooctadecane	174	*	40 - 140

Lab Sample ID: LCSD 460-1039957/3-A
Matrix: Solid
Analysis Batch: 1039829

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039957

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)			133	154		mg/Kg		116	40 - 140	0	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
o-Terphenyl	114		40 - 140
1-Chlorooctadecane	173	*	40 - 140

Lab Sample ID: 460-326800-B-7-D MS
Matrix: Solid
Analysis Batch: 1039829

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039957

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total EPH (C9-C40)	14	U	135	175		mg/Kg	☼	130	40 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl	78		40 - 140
1-Chlorooctadecane	92		40 - 140

Lab Sample ID: 460-326800-B-7-E MSD
Matrix: Solid
Analysis Batch: 1039829

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1039957

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)	14	U	135	189		mg/Kg	☼	140	40 - 140	7	25

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	90		40 - 140
1-Chlorooctadecane	100		40 - 140

Lab Sample ID: MB 460-1040333/1-A
Matrix: Solid
Analysis Batch: 1040461

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040333

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	14	U	14	14	mg/Kg		05/29/25 18:38	05/30/25 09:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	112		40 - 140	05/29/25 18:38	05/30/25 09:49	1
1-Chlorooctadecane	96		40 - 140	05/29/25 18:38	05/30/25 09:49	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: LCS 460-1040333/2-A
Matrix: Solid
Analysis Batch: 1040461

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040333

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)			133	149		mg/Kg		111	40 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*115*		*40 - 140*
1-Chlorooctadecane	*125*		*40 - 140*

Lab Sample ID: LCSD 460-1040333/3-A
Matrix: Solid
Analysis Batch: 1040461

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040333

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)			133	151		mg/Kg		113	40 - 140	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*117*		*40 - 140*
1-Chlorooctadecane	*134*		*40 - 140*

Lab Sample ID: 460-326843-A-6-G MS
Matrix: Solid
Analysis Batch: 1040461

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040333

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)	15	U	142	255	*	mg/Kg	☼	179	40 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*106*		*40 - 140*
1-Chlorooctadecane	*109*		*40 - 140*

Lab Sample ID: 460-326843-A-6-H MSD
Matrix: Solid
Analysis Batch: 1040461

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040333

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)	15	U	142	258	*	mg/Kg	☼	182	40 - 140	1	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*109*		*40 - 140*
1-Chlorooctadecane	*112*		*40 - 140*

Lab Sample ID: MB 460-1040490/1-A
Matrix: Solid
Analysis Batch: 1040626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040490

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	14	U	14	14	mg/Kg		05/30/25 09:49	05/30/25 20:18	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: MB 460-1040490/1-A
Matrix: Solid
Analysis Batch: 1040626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040490

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	102		40 - 140	05/30/25 09:49	05/30/25 20:18	1
1-Chlorooctadecane	113		40 - 140	05/30/25 09:49	05/30/25 20:18	1

Lab Sample ID: LCS 460-1040490/2-A
Matrix: Solid
Analysis Batch: 1040626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040490

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)			133	131		mg/Kg		98	40 - 140		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	101		40 - 140
1-Chlorooctadecane	150	*	40 - 140

Lab Sample ID: LCSD 460-1040490/3-A
Matrix: Solid
Analysis Batch: 1040626

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040490

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)			133	133		mg/Kg		99	40 - 140	1	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
o-Terphenyl	108		40 - 140
1-Chlorooctadecane	159	*	40 - 140

Lab Sample ID: 460-326691-16 MS
Matrix: Solid
Analysis Batch: 1040626

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040490

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)	51		144	199		mg/Kg	☼	103	40 - 140		

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl	85		40 - 140
1-Chlorooctadecane	90		40 - 140

Lab Sample ID: 460-326691-16 MSD
Matrix: Solid
Analysis Batch: 1040626

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040490

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)	51		144	208		mg/Kg	☼	109	40 - 140	5	25

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	85		40 - 140
1-Chlorooctadecane	108		40 - 140

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: MB 460-1040491/1-A
Matrix: Solid
Analysis Batch: 1040627

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040491

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	14	U	14	14	mg/Kg		05/30/25 09:58	05/30/25 20:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*109*		*40 - 140*	*05/30/25 09:58*	*05/30/25 20:18*	*1*
1-Chlorooctadecane	*101*		*40 - 140*	*05/30/25 09:58*	*05/30/25 20:18*	*1*

Lab Sample ID: LCS 460-1040491/2-A
Matrix: Solid
Analysis Batch: 1040627

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040491

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)			133	141		mg/Kg		106	40 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*108*		*40 - 140*
1-Chlorooctadecane	*136*		*40 - 140*

Lab Sample ID: LCSD 460-1040491/3-A
Matrix: Solid
Analysis Batch: 1040627

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040491

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)			133	150		mg/Kg		112	40 - 140	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*123*		*40 - 140*
1-Chlorooctadecane	*152*	*	*40 - 140*

Lab Sample ID: 460-327010-A-1-A MS
Matrix: Solid
Analysis Batch: 1040627

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040491

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)	16	U	149	211	*	mg/Kg	☼	142	40 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*87*		*40 - 140*
1-Chlorooctadecane	*90*		*40 - 140*

Lab Sample ID: 460-327010-A-1-B MSD
Matrix: Solid
Analysis Batch: 1040627

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040491

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)	16	U	149	173		mg/Kg	☼	116	40 - 140	20	25

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 460-327010-A-1-B MSD
Matrix: Solid
Analysis Batch: 1040627

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040491

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*70*		*40 - 140*
1-Chlorooctadecane	*73*		*40 - 140*

Lab Sample ID: MB 460-1040675/1-A
Matrix: Solid
Analysis Batch: 1040939

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040675

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	14	U	14	14	mg/Kg		05/31/25 05:56	06/02/25 11:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*107*		*40 - 140*	*05/31/25 05:56*	*06/02/25 11:34*	*1*
1-Chlorooctadecane	*122*		*40 - 140*	*05/31/25 05:56*	*06/02/25 11:34*	*1*

Lab Sample ID: LCS 460-1040675/2-A
Matrix: Solid
Analysis Batch: 1040939

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040675

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)			133	124		mg/Kg		93	40 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*99*		*40 - 140*
1-Chlorooctadecane	*149*	*	*40 - 140*

Lab Sample ID: LCSD 460-1040675/3-A
Matrix: Solid
Analysis Batch: 1040939

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040675

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)			133	137		mg/Kg		102	40 - 140	10	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*107*		*40 - 140*
1-Chlorooctadecane	*162*	*	*40 - 140*

Lab Sample ID: 460-327156-A-30-B MS
Matrix: Solid
Analysis Batch: 1040939

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040675

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)	15		137	244	*	mg/Kg	☼	168	40 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*87*		*40 - 140*
1-Chlorooctadecane	*93*		*40 - 140*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 460-327156-A-30-C MSD
Matrix: Solid
Analysis Batch: 1040939

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040675

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)	15		137	266	*	mg/Kg	☼	184	40 - 140	9	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*104*		*40 - 140*
1-Chlorooctadecane	*112*		*40 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1039885/1-A
Matrix: Solid
Analysis Batch: 1040024

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Antimony	1.0	U	1.0	0.15	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Barium	2.0	U	2.0	0.15	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Boron	40.0	U	40.0	2.2	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Calcium	100	U	100	9.7	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Chromium	2.0	U	2.0	0.30	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Copper	2.0	U	2.0	0.37	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Iron	60.0	U	60.0	7.7	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Lead	0.60	U	0.60	0.20	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Magnesium	100	U	100	10.2	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Manganese	4.0	U	4.0	0.40	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Nickel	2.0	U	2.0	0.18	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Potassium	100	U	100	16.2	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Selenium	1.3	U	1.3	0.13	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Silver	0.40	U	0.40	0.089	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Sodium	100	U	100	45.7	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Thallium	0.40	U	0.40	0.041	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Tin	8.0	U	8.0	1.2	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Zinc	8.0	U	8.0	1.1	mg/Kg		05/28/25 06:24	05/28/25 12:24	1

Lab Sample ID: LCSSRM 460-1039885/2-A ^3
Matrix: Solid
Analysis Batch: 1040024

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039885

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	6474		mg/Kg		94.7	53.2 - 146.2
Antimony	131	74.87		mg/Kg		57.2	4.5 - 195.4
Arsenic	192	209.4		mg/Kg		109.1	81.3 - 118.8

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1039885/2-A ^3
Matrix: Solid
Analysis Batch: 1040024

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039885

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Barium	219	214.7		mg/Kg		98.0	81.7 - 118.3
Beryllium	146	148.2		mg/Kg		101.5	82.2 - 117.8
Boron	175	175.0		mg/Kg		100	68.0 - 132.0
Cadmium	114	125.5		mg/Kg		110.1	81.7 - 118.4
Calcium	4080	4256		mg/Kg		104.3	82.4 - 117.6
Chromium	153	169.5		mg/Kg		110.8	81.0 - 119.0
Cobalt	231	259.7		mg/Kg		112.4	83.1 - 117.3
Copper	91.2	100.7		mg/Kg		110.4	83.1 - 117.3
Iron	7020	6471		mg/Kg		92.2	60.7 - 139.2
Lead	141	144.2		mg/Kg		102.3	81.6 - 118.4
Magnesium	1900	2013		mg/Kg		106.0	76.3 - 123.7
Manganese	401	435.4		mg/Kg		108.6	80.8 - 119.0
Nickel	143	166.5		mg/Kg		116.5	81.8 - 118.9
Potassium	1760	1731		mg/Kg		98.4	72.2 - 127.8
Selenium	94.7	105.0		mg/Kg		110.9	78.5 - 121.4
Silver	77.0	82.76		mg/Kg		107.5	79.4 - 120.6
Sodium	661	791.0		mg/Kg		119.7	73.7 - 126.2
Thallium	183	196.1		mg/Kg		107.2	80.3 - 119.7
Tin	99.0	102.6		mg/Kg		103.6	78.0 - 122.2
Vanadium	159	168.9		mg/Kg		106.3	78.6 - 122.0
Zinc	292	331.4		mg/Kg		113.5	79.8 - 120.2

Lab Sample ID: 460-326658-E-2-H MS
Matrix: Solid
Analysis Batch: 1040024

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039885

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	1160		505	2369	N	mg/Kg	☼	239	75 - 125
Antimony	1.0	U	5.05	3.43	N	mg/Kg	☼	68	75 - 125
Arsenic	0.59	J	10.1	8.92		mg/Kg	☼	82	75 - 125
Barium	1.9	J	10.1	11.59		mg/Kg	☼	96	75 - 125
Beryllium	0.044	J	5.05	4.28		mg/Kg	☼	84	75 - 125
Boron	40.4	U	101	86.41		mg/Kg	☼	86	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-326658-E-2-H MS
Matrix: Solid
Analysis Batch: 1040024

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039885

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	1.0	U	5.05	4.44		mg/Kg	☼	88	75 - 125
Calcium	126		505	616.8		mg/Kg	☼	97	75 - 125
Chromium	3.7		10.1	12.59		mg/Kg	☼	88	75 - 125
Cobalt	2.0	U	5.05	4.66		mg/Kg	☼	92	75 - 125
Copper	0.91	J	10.1	10.26		mg/Kg	☼	93	75 - 125
Iron	2160		505	2454	4	mg/Kg	☼	58	75 - 125
Lead	0.97		5.05	5.82		mg/Kg	☼	96	75 - 125
Magnesium	35.9	J	505	532.6		mg/Kg	☼	98	75 - 125
Manganese	1.2	J	50.5	46.09		mg/Kg	☼	89	75 - 125
Nickel	0.34	J	10.1	9.54		mg/Kg	☼	91	75 - 125
Potassium	45.3	J	505	500.5		mg/Kg	☼	90	75 - 125
Selenium	1.3	U	10.1	8.78		mg/Kg	☼	87	75 - 125
Silver	0.40	U	5.05	4.63		mg/Kg	☼	92	75 - 125
Sodium	101	U	505	490.4		mg/Kg	☼	97	75 - 125
Thallium	0.40	U	4.04	3.53		mg/Kg	☼	87	75 - 125
Tin	1.2	J	10.1	9.96		mg/Kg	☼	99	75 - 125
Vanadium	3.2		10.1	12.91		mg/Kg	☼	96	75 - 125
Zinc	5.0	J	50.5	52.44		mg/Kg	☼	94	75 - 125

Lab Sample ID: 460-326658-E-2-G DU
Matrix: Solid
Analysis Batch: 1040024

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1039885

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	1160		1135		mg/Kg	☼	2	20
Antimony	1.0	U	1.0	U	mg/Kg	☼	NC	20
Arsenic	0.59	J	0.534	J	mg/Kg	☼	11	20
Barium	1.9	J	1.99	J	mg/Kg	☼	6	20
Beryllium	0.044	J	0.0332	J	mg/Kg	☼	29	20
Boron	40.4	U	40.4	U	mg/Kg	☼	NC	20
Cadmium	1.0	U	1.0	U	mg/Kg	☼	NC	20
Calcium	126		141.7		mg/Kg	☼	12	20
Chromium	3.7		2.74		mg/Kg	☼	31	20
Cobalt	2.0	U	2.0	U	mg/Kg	☼	NC	20
Copper	0.91	J	0.873	J	mg/Kg	☼	4	20
Iron	2160		1563	*	mg/Kg	☼	32	20
Lead	0.97		0.902		mg/Kg	☼	7	20
Magnesium	35.9	J	36.61	J	mg/Kg	☼	2	20
Manganese	1.2	J	1.46	J	mg/Kg	☼	17	20
Nickel	0.34	J	0.362	J	mg/Kg	☼	5	20
Potassium	45.3	J	33.23	J	mg/Kg	☼	31	20
Selenium	1.3	U	1.3	U	mg/Kg	☼	NC	20
Silver	0.40	U	0.40	U	mg/Kg	☼	NC	20
Sodium	101	U	101	U	mg/Kg	☼	NC	20
Thallium	0.40	U	0.40	U	mg/Kg	☼	NC	20
Tin	1.2	J	1.20	J	mg/Kg	☼	0.9	20
Vanadium	3.2		2.97		mg/Kg	☼	8	20
Zinc	5.0	J	5.40	J	mg/Kg	☼	8	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1040262/1-A
Matrix: Solid
Analysis Batch: 1040299

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	U	2.0	0.89	ug/L		05/29/25 12:46	05/29/25 16:54	1
Barium	4.0	U	4.0	0.91	ug/L		05/29/25 12:46	05/29/25 16:54	1
Cadmium	0.92	U	0.92	0.29	ug/L		05/29/25 12:46	05/29/25 16:54	1
Chromium	4.0	U	4.0	1.2	ug/L		05/29/25 12:46	05/29/25 16:54	1
Copper	4.0	U	4.0	2.5	ug/L		05/29/25 12:46	05/29/25 16:54	1
Lead	1.2	U	1.2	0.84	ug/L		05/29/25 12:46	05/29/25 16:54	1
Nickel	4.0	U	4.0	0.91	ug/L		05/29/25 12:46	05/29/25 16:54	1
Selenium	2.5	U	2.5	0.59	ug/L		05/29/25 12:46	05/29/25 16:54	1
Silver	2.0	U	2.0	0.29	ug/L		05/29/25 12:46	05/29/25 16:54	1
Zinc	16.0	U	16.0	6.5	ug/L		05/29/25 12:46	05/29/25 16:54	1

Lab Sample ID: LCS 460-1040262/2-A ^10
Matrix: Solid
Analysis Batch: 1040299

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5000	4857		ug/L		97	80 - 120
Barium	10000	9767		ug/L		98	80 - 120
Cadmium	1000	939.1		ug/L		94	80 - 120
Chromium	5000	4970		ug/L		99	80 - 120
Copper	1000	970.6		ug/L		97	80 - 120
Lead	5000	4898		ug/L		98	80 - 120
Nickel	1000	949.6		ug/L		95	80 - 120
Selenium	1000	945.8		ug/L		95	80 - 120
Silver	500	488.6		ug/L		98	80 - 120
Zinc	1000	905.6		ug/L		91	80 - 120

Lab Sample ID: MB 460-1040634/1-A
Matrix: Solid
Analysis Batch: 1040785

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040634

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Antimony	1.0	U	1.0	0.15	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Barium	2.0	U	2.0	0.15	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Boron	40.0	U	40.0	2.2	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Calcium	100	U	100	9.7	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Chromium	2.0	U	2.0	0.30	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Copper	2.0	U	2.0	0.37	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Iron	60.0	U	60.0	7.7	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Lead	0.60	U	0.60	0.20	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Magnesium	100	U	100	10.2	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Manganese	4.0	U	4.0	0.40	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Nickel	2.0	U	2.0	0.18	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Potassium	100	U	100	16.2	mg/Kg		05/30/25 19:35	05/31/25 15:32	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1040634/1-A
Matrix: Solid
Analysis Batch: 1040785

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040634

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	1.3	U	1.3	0.13	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Silver	0.40	U	0.40	0.089	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Sodium	100	U	100	45.7	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Thallium	0.40	U	0.40	0.041	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Tin	8.0	U	8.0	1.2	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Zinc	8.0	U	8.0	1.1	mg/Kg		05/30/25 19:35	05/31/25 15:32	1

Lab Sample ID: LCSSRM 460-1040634/2-A ^3
Matrix: Solid
Analysis Batch: 1040785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040634

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5988		mg/Kg		87.5	53.2 - 146.2
Antimony	131	71.30		mg/Kg		54.4	4.5 - 195.4
Arsenic	192	190.4		mg/Kg		99.2	81.3 - 118.8
Barium	219	200.0		mg/Kg		91.3	81.7 - 118.3
Beryllium	146	137.3		mg/Kg		94.0	82.2 - 117.8
Boron	175	162.8		mg/Kg		93.1	68.0 - 132.0
Cadmium	114	112.1		mg/Kg		98.4	81.7 - 118.4
Calcium	4080	4097		mg/Kg		100.4	82.4 - 117.6
Chromium	153	155.6		mg/Kg		101.7	81.0 - 119.0
Cobalt	231	231.4		mg/Kg		100.2	83.1 - 117.3
Copper	91.2	92.73		mg/Kg		101.7	83.1 - 117.3
Iron	7020	6066		mg/Kg		86.4	60.7 - 139.2
Lead	141	136.6		mg/Kg		96.9	81.6 - 118.4
Magnesium	1900	1847		mg/Kg		97.2	76.3 - 123.7
Manganese	401	397.3		mg/Kg		99.1	80.8 - 119.0
Nickel	143	150.7		mg/Kg		105.4	81.8 - 118.9
Potassium	1760	1619		mg/Kg		92.0	72.2 - 127.8
Selenium	94.7	96.97		mg/Kg		102.4	78.5 - 121.4
Silver	77.0	76.52		mg/Kg		99.4	79.4 - 120.6
Sodium	661	725.4		mg/Kg		109.7	73.7 - 126.2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1040634/2-A ^3
Matrix: Solid
Analysis Batch: 1040785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040634

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	183	183.4		mg/Kg		100.2	80.3 - 119.7
Tin	99.0	98.42		mg/Kg		99.4	78.0 - 122.2
Vanadium	159	154.6		mg/Kg		97.3	78.6 - 122.0
Zinc	292	304.2		mg/Kg		104.2	79.8 - 120.2

Lab Sample ID: 460-325348-A-2-H MS
Matrix: Solid
Analysis Batch: 1040785

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040634

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	13700		407	14920	4	mg/Kg	☼	302	75 - 125
Antimony	0.43	J	4.07	4.17		mg/Kg	☼	92	75 - 125
Arsenic	7.8		8.15	16.26		mg/Kg	☼	104	75 - 125
Barium	38.9		8.15	44.54	4	mg/Kg	☼	69	75 - 125
Beryllium	0.77		4.07	4.77		mg/Kg	☼	98	75 - 125
Boron	60.9		81.5	139.6		mg/Kg	☼	97	75 - 125
Cadmium	0.14	J	4.07	3.92		mg/Kg	☼	93	75 - 125
Calcium	2530		407	3300	4	mg/Kg	☼	189	75 - 125
Chromium	37.5		8.15	47.32	4	mg/Kg	☼	121	75 - 125
Cobalt	4.5		4.07	8.37		mg/Kg	☼	96	75 - 125
Copper	15.6		8.15	22.91		mg/Kg	☼	90	75 - 125
Lead	21.4		4.07	25.71	4	mg/Kg	☼	106	75 - 125
Magnesium	2300		407	2695	4	mg/Kg	☼	98	75 - 125
Manganese	93.1		40.7	133.2		mg/Kg	☼	98	75 - 125
Nickel	9.0		8.15	16.99		mg/Kg	☼	98	75 - 125
Potassium	3130		407	3425	4	mg/Kg	☼	73	75 - 125
Selenium	0.20	J	8.15	7.62		mg/Kg	☼	91	75 - 125
Silver	0.33	U	4.07	3.89		mg/Kg	☼	95	75 - 125
Sodium	257		407	666.6		mg/Kg	☼	101	75 - 125
Thallium	0.047	J	3.26	3.27		mg/Kg	☼	99	75 - 125
Tin	6.6	U	8.15	8.43		mg/Kg	☼	103	75 - 125
Vanadium	43.5		8.15	53.04	4	mg/Kg	☼	117	75 - 125
Zinc	55.6		40.7	91.84		mg/Kg	☼	89	75 - 125

Lab Sample ID: 460-325348-A-2-H MS ^2
Matrix: Solid
Analysis Batch: 1040785

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040634

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	37300		407	42370	4	mg/Kg	☼	1240	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-325348-A-2-G DU
Matrix: Solid
Analysis Batch: 1040785

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040634

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aluminum	13700			14100		mg/Kg	☼			3	20
Antimony	0.43	J		0.404	J	mg/Kg	☼			7	20
Arsenic	7.8			8.61		mg/Kg	☼			10	20
Barium	38.9			38.99		mg/Kg	☼			0.2	20
Beryllium	0.77			0.874		mg/Kg	☼			13	20
Boron	60.9			57.27		mg/Kg	☼			6	20
Cadmium	0.14	J		0.127	J	mg/Kg	☼			7	20
Calcium	2530			4714	*	mg/Kg	☼			60	20
Chromium	37.5			32.05		mg/Kg	☼			16	20
Cobalt	4.5			4.57		mg/Kg	☼			2	20
Copper	15.6			16.30		mg/Kg	☼			4	20
Iron	37300			40100		mg/Kg	☼			7	20
Lead	21.4			23.23		mg/Kg	☼			8	20
Magnesium	2300			2721		mg/Kg	☼			17	20
Manganese	93.1			172.1	*	mg/Kg	☼			60	20
Nickel	9.0			8.95		mg/Kg	☼			0.4	20
Potassium	3130			3103		mg/Kg	☼			0.8	20
Selenium	0.20	J		0.253	J	mg/Kg	☼			23	20
Silver	0.33	U		0.33	U	mg/Kg	☼			NC	20
Sodium	257			261.9		mg/Kg	☼			2	20
Thallium	0.047	J		0.0471	J	mg/Kg	☼			0.6	20
Tin	6.6	U		6.5	U	mg/Kg	☼			NC	20
Vanadium	43.5			43.59		mg/Kg	☼			0.2	20
Zinc	55.6			54.67		mg/Kg	☼			2	20

Lab Sample ID: MB 460-1040636/1-A
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Antimony	1.0	U	1.0	0.15	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Barium	2.0	U	2.0	0.15	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Boron	40.0	U	40.0	2.2	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Calcium	100	U	100	9.7	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Chromium	2.0	U	2.0	0.30	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Copper	2.0	U	2.0	0.37	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Iron	60.0	U	60.0	7.7	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Lead	0.60	U	0.60	0.20	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Magnesium	100	U	100	10.2	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Manganese	4.0	U	4.0	0.40	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Nickel	2.0	U	2.0	0.18	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Potassium	100	U	100	16.2	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Selenium	1.3	U	1.3	0.13	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Silver	0.40	U	0.40	0.089	mg/Kg		05/30/25 20:45	05/31/25 11:09	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1040636/1-A
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	100	U	100	45.7	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Thallium	0.40	U	0.40	0.041	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Tin	8.0	U	8.0	1.2	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Zinc	1.83	J	8.0	1.1	mg/Kg		05/30/25 20:45	05/31/25 11:09	1

Lab Sample ID: LCSSRM 460-1040636/2-A ^3
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	6263		mg/Kg		91.6	53.2 - 146.2
Antimony	131	74.19		mg/Kg		56.6	4.5 - 195.4
Arsenic	192	197.9		mg/Kg		103.1	81.3 - 118.8
Barium	219	205.9		mg/Kg		94.0	81.7 - 118.3
Beryllium	146	150.6		mg/Kg		103.1	82.2 - 117.8
Boron	175	174.7		mg/Kg		99.8	68.0 - 132.0
Cadmium	114	117.8		mg/Kg		103.4	81.7 - 118.4
Calcium	4080	4286		mg/Kg		105.1	82.4 - 117.6
Chromium	153	163.3		mg/Kg		106.7	81.0 - 119.0
Cobalt	231	249.6		mg/Kg		108.0	83.1 - 117.3
Copper	91.2	97.08		mg/Kg		106.4	83.1 - 117.3
Iron	7020	6304		mg/Kg		89.8	60.7 - 139.2
Lead	141	141.4		mg/Kg		100.3	81.6 - 118.4
Magnesium	1900	1888		mg/Kg		99.4	76.3 - 123.7
Manganese	401	421.8		mg/Kg		105.2	80.8 - 119.0
Nickel	143	158.6		mg/Kg		110.9	81.8 - 118.9
Potassium	1760	1661		mg/Kg		94.4	72.2 - 127.8
Selenium	94.7	100.9		mg/Kg		106.6	78.5 - 121.4
Silver	77.0	79.67		mg/Kg		103.5	79.4 - 120.6
Sodium	661	724.3		mg/Kg		109.6	73.7 - 126.2
Thallium	183	187.3		mg/Kg		102.3	80.3 - 119.7

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1040636/2-A ^3
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Tin	99.0	103.6		mg/Kg		104.6	78.0 - 122.2
Vanadium	159	160.6		mg/Kg		101.0	78.6 - 122.0
Zinc	292	316.5		mg/Kg		108.4	79.8 - 120.2

Lab Sample ID: 460-327049-A-15-J MS
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	10300		436	11840	4	mg/Kg	☼	362	75 - 125
Antimony	0.39	J	4.36	4.35		mg/Kg	☼	91	75 - 125
Arsenic	2.6		8.72	10.02		mg/Kg	☼	85	75 - 125
Barium	69.1		8.72	81.35	4	mg/Kg	☼	140	75 - 125
Beryllium	0.51		4.36	4.74		mg/Kg	☼	97	75 - 125
Boron	3.9	J	87.2	86.74		mg/Kg	☼	95	75 - 125
Cadmium	0.21	J	4.36	4.38		mg/Kg	☼	96	75 - 125
Calcium	25800		436	25040	4	mg/Kg	☼	-181	75 - 125
Chromium	20.0		8.72	28.37		mg/Kg	☼	96	75 - 125
Cobalt	7.9		4.36	11.86		mg/Kg	☼	91	75 - 125
Copper	19.4		8.72	27.82		mg/Kg	☼	97	75 - 125
Iron	17500		436	17880	4	mg/Kg	☼	78	75 - 125
Lead	77.9		4.36	84.75	4	mg/Kg	☼	158	75 - 125
Magnesium	8200		436	8002	4	mg/Kg	☼	-45	75 - 125
Manganese	339		43.6	400.2	4	mg/Kg	☼	139	75 - 125
Nickel	15.9		8.72	24.62		mg/Kg	☼	100	75 - 125
Potassium	1820		436	2367	4	mg/Kg	☼	126	75 - 125
Selenium	1.1	U	8.72	8.03		mg/Kg	☼	92	75 - 125
Silver	0.36	U	4.36	4.18		mg/Kg	☼	96	75 - 125
Sodium	535		436	978.3		mg/Kg	☼	102	75 - 125
Thallium	0.16	J	3.49	3.50		mg/Kg	☼	96	75 - 125
Tin	10.6		8.72	10.22	N	mg/Kg	☼	-4	75 - 125
Vanadium	28.0		8.72	37.76		mg/Kg	☼	112	75 - 125
Zinc	88.4	B	43.6	129.9		mg/Kg	☼	95	75 - 125

Lab Sample ID: 460-327049-A-15-K MSD
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	10300		450	11780	4	mg/Kg	☼	336	75 - 125	1	20
Antimony	0.39	J	4.50	4.61		mg/Kg	☼	94	75 - 125	6	20
Arsenic	2.6		9.00	10.51		mg/Kg	☼	88	75 - 125	5	20
Barium	69.1		9.00	86.35	4	mg/Kg	☼	192	75 - 125	6	20
Beryllium	0.51		4.50	4.95		mg/Kg	☼	99	75 - 125	4	20
Boron	3.9	J	90.0	91.74		mg/Kg	☼	98	75 - 125	6	20
Cadmium	0.21	J	4.50	4.47		mg/Kg	☼	95	75 - 125	2	20
Calcium	25800		450	18290	4 N	mg/Kg	☼	-1675	75 - 125	31	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-327049-A-15-K MSD
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	20.0		9.00	29.24		mg/Kg	☼	103	75 - 125	3	20
Cobalt	7.9		4.50	12.09		mg/Kg	☼	93	75 - 125	2	20
Copper	19.4		9.00	30.55		mg/Kg	☼	124	75 - 125	9	20
Iron	17500		450	18900	4	mg/Kg	☼	303	75 - 125	6	20
Lead	77.9		4.50	78.98	4	mg/Kg	☼	25	75 - 125	7	20
Magnesium	8200		450	7212	4	mg/Kg	☼	-219	75 - 125	10	20
Manganese	339		45.0	373.4	4	mg/Kg	☼	75	75 - 125	7	20
Nickel	15.9		9.00	25.32		mg/Kg	☼	105	75 - 125	3	20
Potassium	1820		450	2618	4	mg/Kg	☼	178	75 - 125	10	20
Selenium	1.1	U	9.00	8.71		mg/Kg	☼	97	75 - 125	8	20
Silver	0.36	U	4.50	4.37		mg/Kg	☼	97	75 - 125	4	20
Sodium	535		450	934.2		mg/Kg	☼	89	75 - 125	5	20
Thallium	0.16	J	3.60	3.67		mg/Kg	☼	98	75 - 125	5	20
Tin	10.6		9.00	10.16	N	mg/Kg	☼	-5	75 - 125	1	20
Vanadium	28.0		9.00	38.51		mg/Kg	☼	117	75 - 125	2	20
Zinc	88.4	B	45.0	130.9		mg/Kg	☼	94	75 - 125	1	20

Lab Sample ID: 460-327049-A-15-I DU
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	10300		10680		mg/Kg	☼	4	20
Antimony	0.39	J	0.301	J	mg/Kg	☼	26	20
Arsenic	2.6		2.39		mg/Kg	☼	8	20
Barium	69.1		74.59		mg/Kg	☼	8	20
Beryllium	0.51		0.527		mg/Kg	☼	3	20
Boron	3.9	J	4.68	J	mg/Kg	☼	18	20
Cadmium	0.21	J	0.229	J	mg/Kg	☼	10	20
Calcium	25800		23640		mg/Kg	☼	9	20
Chromium	20.0		19.54		mg/Kg	☼	2	20
Cobalt	7.9		7.66		mg/Kg	☼	3	20
Copper	19.4		19.89		mg/Kg	☼	3	20
Iron	17500		17700		mg/Kg	☼	0.9	20
Lead	77.9		78.24		mg/Kg	☼	0.5	20
Magnesium	8200		7006		mg/Kg	☼	16	20
Manganese	339		433.3	*	mg/Kg	☼	24	20
Nickel	15.9		16.32		mg/Kg	☼	3	20
Potassium	1820		1941		mg/Kg	☼	7	20
Selenium	1.1	U	1.0	U	mg/Kg	☼	NC	20
Silver	0.36	U	0.34	U	mg/Kg	☼	NC	20
Sodium	535		527.3		mg/Kg	☼	2	20
Thallium	0.16	J	0.161	J	mg/Kg	☼	4	20
Tin	10.6		2.04	J *	mg/Kg	☼	135	20
Vanadium	28.0		29.55		mg/Kg	☼	5	20
Zinc	88.4	B	92.80		mg/Kg	☼	5	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1040654/1-A
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Antimony	1.0	U	1.0	0.15	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Barium	2.0	U	2.0	0.15	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Boron	40.0	U	40.0	2.2	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Calcium	100	U	100	9.7	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Chromium	2.0	U	2.0	0.30	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Copper	2.0	U	2.0	0.37	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Iron	60.0	U	60.0	7.7	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Lead	0.60	U	0.60	0.20	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Magnesium	100	U	100	10.2	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Manganese	4.0	U	4.0	0.40	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Nickel	2.0	U	2.0	0.18	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Potassium	100	U	100	16.2	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Selenium	1.3	U	1.3	0.13	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Silver	0.40	U	0.40	0.089	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Sodium	100	U	100	45.7	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Thallium	0.40	U	0.40	0.041	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Tin	8.0	U	8.0	1.2	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Zinc	8.0	U	8.0	1.1	mg/Kg		05/30/25 23:50	05/31/25 15:57	1

Lab Sample ID: LCSSRM 460-1040654/2-A ^3
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040654

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	6166		mg/Kg		90.2	53.2 - 146.2
Antimony	131	78.52		mg/Kg		59.9	4.5 - 195.4
Arsenic	192	192.9		mg/Kg		100.5	81.3 - 118.8
Barium	219	197.6		mg/Kg		90.2	81.7 - 118.3
Beryllium	146	147.2		mg/Kg		100.8	82.2 - 117.8
Boron	175	172.9		mg/Kg		98.8	68.0 - 132.0
Cadmium	114	112.3		mg/Kg		98.5	81.7 - 118.4
Calcium	4080	4152		mg/Kg		101.8	82.4 - 117.6
Chromium	153	157.3		mg/Kg		102.8	81.0 - 119.0
Cobalt	231	236.4		mg/Kg		102.3	83.1 - 117.3

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1040654/2-A ^3
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040654

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Copper	91.2	91.79		mg/Kg		100.7	83.1 - 117.3
Iron	7020	6375		mg/Kg		90.8	60.7 - 139.2
Lead	141	135.7		mg/Kg		96.3	81.6 - 118.4
Magnesium	1900	1822		mg/Kg		95.9	76.3 - 123.7
Manganese	401	404.0		mg/Kg		100.8	80.8 - 119.0
Nickel	143	148.3		mg/Kg		103.7	81.8 - 118.9
Potassium	1760	1648		mg/Kg		93.7	72.2 - 127.8
Selenium	94.7	98.70		mg/Kg		104.2	78.5 - 121.4
Silver	77.0	75.10		mg/Kg		97.5	79.4 - 120.6
Sodium	661	692.4		mg/Kg		104.7	73.7 - 126.2
Thallium	183	185.2		mg/Kg		101.2	80.3 - 119.7
Tin	99.0	95.90		mg/Kg		96.9	78.0 - 122.2
Vanadium	159	156.8		mg/Kg		98.6	78.6 - 122.0
Zinc	292	301.2		mg/Kg		103.1	79.8 - 120.2

Lab Sample ID: 460-327094-A-4-D MS
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040654

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	933		431	1573	N	mg/Kg	☼	148	75 - 125
Antimony	0.85	U	4.31	4.05		mg/Kg	☼	94	75 - 125
Arsenic	0.93		8.62	8.88		mg/Kg	☼	92	75 - 125
Barium	5.6		8.62	13.82		mg/Kg	☼	96	75 - 125
Beryllium	0.067	J	4.31	4.17		mg/Kg	☼	95	75 - 125
Boron	33.9	U	86.2	81.36		mg/Kg	☼	94	75 - 125
Cadmium	0.85	U	4.31	3.99		mg/Kg	☼	93	75 - 125
Calcium	72.6	J	431	495.6		mg/Kg	☼	98	75 - 125
Chromium	5.4		8.62	13.04		mg/Kg	☼	88	75 - 125
Cobalt	0.29	J	4.31	4.54		mg/Kg	☼	99	75 - 125
Copper	2.5		8.62	10.10		mg/Kg	☼	88	75 - 125
Iron	2030		431	2527	4	mg/Kg	☼	116	75 - 125
Lead	1.3		4.31	5.68		mg/Kg	☼	101	75 - 125
Magnesium	90.3		431	542.3		mg/Kg	☼	105	75 - 125
Manganese	10.1		43.1	53.07		mg/Kg	☼	100	75 - 125
Nickel	0.77	J	8.62	9.07		mg/Kg	☼	96	75 - 125
Potassium	65.4	J	431	490.3		mg/Kg	☼	99	75 - 125
Selenium	1.1	U	8.62	8.50		mg/Kg	☼	99	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-327094-A-4-D MS
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040654

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.34	U	4.31	4.19		mg/Kg	☼	97	75 - 125
Sodium	84.9	U	431	441.0		mg/Kg	☼	102	75 - 125
Thallium	0.34	U	3.45	3.29		mg/Kg	☼	95	75 - 125
Tin	6.8	U	8.62	8.29		mg/Kg	☼	96	75 - 125
Vanadium	3.4		8.62	11.13		mg/Kg	☼	90	75 - 125
Zinc	2.3	J	43.1	44.74		mg/Kg	☼	99	75 - 125

Lab Sample ID: 460-327094-A-4-C DU
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040654

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	933		1014		mg/Kg	☼	8	20
Antimony	0.85	U	0.89	U	mg/Kg	☼	NC	20
Arsenic	0.93		1.23		mg/Kg	☼	28	20
Barium	5.6		5.92		mg/Kg	☼	6	20
Beryllium	0.067	J	0.0839	J	mg/Kg	☼	22	20
Boron	33.9	U	35.5	U	mg/Kg	☼	NC	20
Cadmium	0.85	U	0.89	U	mg/Kg	☼	NC	20
Calcium	72.6	J	66.32	J	mg/Kg	☼	9	20
Chromium	5.4		3.92		mg/Kg	☼	33	20
Cobalt	0.29	J	0.338	J	mg/Kg	☼	14	20
Copper	2.5		2.20		mg/Kg	☼	12	20
Iron	2030		2550	*	mg/Kg	☼	23	20
Lead	1.3		1.57		mg/Kg	☼	15	20
Magnesium	90.3		97.44		mg/Kg	☼	8	20
Manganese	10.1		12.74		mg/Kg	☼	24	20
Nickel	0.77	J	0.863	J	mg/Kg	☼	11	20
Potassium	65.4	J	83.32	J	mg/Kg	☼	24	20
Selenium	1.1	U	1.1	U	mg/Kg	☼	NC	20
Silver	0.34	U	0.36	U	mg/Kg	☼	NC	20
Sodium	84.9	U	88.8	U	mg/Kg	☼	NC	20
Thallium	0.34	U	0.36	U	mg/Kg	☼	NC	20
Tin	6.8	U	7.1	U	mg/Kg	☼	NC	20
Vanadium	3.4		3.17		mg/Kg	☼	7	20
Zinc	2.3	J	2.65	J	mg/Kg	☼	15	20

Lab Sample ID: MB 460-1040974/1-A
Matrix: Solid
Analysis Batch: 1041049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040974

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	U	2.0	0.89	ug/L		06/02/25 12:34	06/02/25 16:54	1
Barium	4.0	U	4.0	0.91	ug/L		06/02/25 12:34	06/02/25 16:54	1
Cadmium	0.92	U	0.92	0.29	ug/L		06/02/25 12:34	06/02/25 16:54	1
Chromium	4.0	U	4.0	1.2	ug/L		06/02/25 12:34	06/02/25 16:54	1
Copper	4.0	U	4.0	2.5	ug/L		06/02/25 12:34	06/02/25 16:54	1
Lead	1.2	U	1.2	0.84	ug/L		06/02/25 12:34	06/02/25 16:54	1
Nickel	4.0	U	4.0	0.91	ug/L		06/02/25 12:34	06/02/25 16:54	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1040974/1-A
Matrix: Solid
Analysis Batch: 1041049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040974

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	2.5	U	2.5	0.59	ug/L		06/02/25 12:34	06/02/25 16:54	1
Silver	2.0	U	2.0	0.29	ug/L		06/02/25 12:34	06/02/25 16:54	1
Zinc	16.0	U	16.0	6.5	ug/L		06/02/25 12:34	06/02/25 16:54	1

Lab Sample ID: LCS 460-1040974/2-A ^10
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040974

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5000	4700		ug/L		94	80 - 120
Barium	10000	8627		ug/L		86	80 - 120
Cadmium	1000	897.3		ug/L		90	80 - 120
Chromium	5000	4722		ug/L		94	80 - 120
Copper	1000	943.2		ug/L		94	80 - 120
Lead	5000	4554		ug/L		91	80 - 120
Nickel	1000	919.7		ug/L		92	80 - 120
Selenium	1000	924.7		ug/L		92	80 - 120
Silver	500	473.3		ug/L		95	80 - 120
Zinc	1000	846.1		ug/L		85	80 - 120

Lab Sample ID: MB 460-1041213/1-A
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1041213

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	U	2.0	0.89	ug/L		06/03/25 12:40	06/04/25 14:06	1
Barium	4.0	U	4.0	0.91	ug/L		06/03/25 12:40	06/04/25 14:06	1
Cadmium	0.92	U	0.92	0.29	ug/L		06/03/25 12:40	06/04/25 14:06	1
Chromium	4.0	U	4.0	1.2	ug/L		06/03/25 12:40	06/04/25 14:06	1
Copper	4.0	U	4.0	2.5	ug/L		06/03/25 12:40	06/04/25 14:06	1
Lead	1.2	U	1.2	0.84	ug/L		06/03/25 12:40	06/04/25 14:06	1
Nickel	4.0	U	4.0	0.91	ug/L		06/03/25 12:40	06/04/25 14:06	1
Selenium	2.5	U	2.5	0.59	ug/L		06/03/25 12:40	06/04/25 14:06	1
Silver	2.0	U	2.0	0.29	ug/L		06/03/25 12:40	06/04/25 14:06	1
Zinc	16.0	U	16.0	6.5	ug/L		06/03/25 12:40	06/04/25 14:06	1

Lab Sample ID: LCS 460-1041213/2-A ^10
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1041213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5000	5031		ug/L		101	80 - 120
Barium	10000	9597		ug/L		96	80 - 120
Cadmium	1000	962.0		ug/L		96	80 - 120
Chromium	5000	5144		ug/L		103	80 - 120
Copper	1000	1016		ug/L		102	80 - 120
Lead	5000	4893		ug/L		98	80 - 120
Nickel	1000	1000		ug/L		100	80 - 120
Selenium	1000	946.5		ug/L		95	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 460-1041213/2-A ^10
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1041213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	500	505.7		ug/L		101	80 - 120
Zinc	1000	954.4		ug/L		95	80 - 120

Lab Sample ID: LB 460-1040059/1-C ^10
Matrix: Solid
Analysis Batch: 1040299

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1040262

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		05/29/25 12:46	05/29/25 18:01	10
Barium	40.0	U	40.0	9.1	ug/L		05/29/25 12:46	05/29/25 18:01	10
Cadmium	9.2	U	9.2	2.9	ug/L		05/29/25 12:46	05/29/25 18:01	10
Chromium	40.0	U	40.0	12.2	ug/L		05/29/25 12:46	05/29/25 18:01	10
Copper	40.0	U	40.0	24.5	ug/L		05/29/25 12:46	05/29/25 18:01	10
Lead	12.0	U	12.0	8.4	ug/L		05/29/25 12:46	05/29/25 18:01	10
Nickel	40.0	U	40.0	9.1	ug/L		05/29/25 12:46	05/29/25 18:01	10
Selenium	25.0	U	25.0	5.9	ug/L		05/29/25 12:46	05/29/25 18:01	10
Silver	20.0	U	20.0	2.9	ug/L		05/29/25 12:46	05/29/25 18:01	10
Zinc	160	U	160	65.2	ug/L		05/29/25 12:46	05/29/25 18:01	10

Lab Sample ID: 460-326739-K-9-F MS ^10
Matrix: Solid
Analysis Batch: 1040299

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 1040262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	20.0	U	5000	4822		ug/L		96	75 - 125
Barium	72.8		10000	9789		ug/L		97	75 - 125
Cadmium	9.2	U	1000	923.1		ug/L		92	75 - 125
Chromium	40.0	U	5000	4816		ug/L		96	75 - 125
Copper	40.0	U	1000	947.5		ug/L		95	75 - 125
Lead	12.0	U	5000	4919		ug/L		98	75 - 125
Nickel	40.0	U	1000	936.3		ug/L		94	75 - 125
Selenium	25.0	U	1000	966.3		ug/L		97	75 - 125
Silver	20.0	U	500	479.3		ug/L		96	75 - 125
Zinc	160	U	1000	912.0		ug/L		91	75 - 125

Lab Sample ID: 460-326739-K-9-E DU ^10
Matrix: Solid
Analysis Batch: 1040299

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 1040262

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	20.0	U	20.0	U	ug/L		NC	20
Barium	72.8		71.64		ug/L		2	20
Cadmium	9.2	U	9.2	U	ug/L		NC	20
Chromium	40.0	U	40.0	U	ug/L		NC	20
Copper	40.0	U	40.0	U	ug/L		NC	20
Lead	12.0	U	12.0	U	ug/L		NC	20
Nickel	40.0	U	40.0	U	ug/L		NC	20
Selenium	25.0	U	25.0	U	ug/L		NC	20
Silver	20.0	U	20.0	U	ug/L		NC	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-326739-K-9-E DU ^10
Matrix: Solid
Analysis Batch: 1040299

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 1040262

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Zinc	160	U	160	U	ug/L		NC	20

Lab Sample ID: LB 460-1040849/1-B ^10
Matrix: Solid
Analysis Batch: 1041049

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1040974

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 18:06	10
Barium	40.0	U	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 18:06	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 18:06	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 18:06	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 18:06	10
Lead	12.0	U	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 18:06	10
Nickel	40.0	U	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 18:06	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 18:06	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 18:06	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 18:06	10

Lab Sample ID: LB 460-1040850/1-B ^10
Matrix: Solid
Analysis Batch: 1041049

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1040974

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 18:03	10
Barium	40.0	U	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 18:03	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 18:03	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 18:03	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 18:03	10
Lead	12.0	U	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 18:03	10
Nickel	40.0	U	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 18:03	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 18:03	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 18:03	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 18:03	10

Lab Sample ID: 460-326877-6 MS
Matrix: Solid
Analysis Batch: 1041049

Client Sample ID: B3_10-15_20250521
Prep Type: TCLP
Prep Batch: 1040974

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	20.0	U	5000	4784		ug/L		96	75 - 125
Barium	351		10000	9504		ug/L		92	75 - 125
Cadmium	9.2	U	1000	929.5		ug/L		93	75 - 125
Chromium	40.0	U	5000	4827		ug/L		97	75 - 125
Copper	40.0	U	1000	961.2		ug/L		96	75 - 125
Lead	8.5	J	5000	4790		ug/L		96	75 - 125
Nickel	14.0	J	1000	959.5		ug/L		95	75 - 125
Selenium	25.0	U	1000	965.7		ug/L		97	75 - 125
Silver	20.0	U	500	487.6		ug/L		98	75 - 125
Zinc	160	U	1000	955.3		ug/L		96	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-326877-6 DU
Matrix: Solid
Analysis Batch: 1041049

Client Sample ID: B3_10-15_20250521
Prep Type: TCLP
Prep Batch: 1040974

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Arsenic	20.0	U		20.0	U	ug/L				NC	20
Barium	351			353.6		ug/L				0.8	20
Cadmium	9.2	U		9.2	U	ug/L				NC	20
Chromium	40.0	U		40.0	U	ug/L				NC	20
Copper	40.0	U		40.0	U	ug/L				NC	20
Lead	8.5	J		12.0	U	ug/L				NC	20
Nickel	14.0	J		12.91	J	ug/L				8	20
Selenium	25.0	U		25.0	U	ug/L				NC	20
Silver	20.0	U		20.0	U	ug/L				NC	20
Zinc	160	U		160	U	ug/L				NC	20

Lab Sample ID: LB 460-1041054/1-C
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1041213

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	U	2.0	0.89	ug/L		06/03/25 12:40	06/04/25 15:14	1
Barium	4.0	U	4.0	0.91	ug/L		06/03/25 12:40	06/04/25 15:14	1
Cadmium	0.92	U	0.92	0.29	ug/L		06/03/25 12:40	06/04/25 15:14	1
Chromium	4.0	U	4.0	1.2	ug/L		06/03/25 12:40	06/04/25 15:14	1
Copper	4.0	U	4.0	2.5	ug/L		06/03/25 12:40	06/04/25 15:14	1
Lead	1.2	U	1.2	0.84	ug/L		06/03/25 12:40	06/04/25 15:14	1
Nickel	4.0	U	4.0	0.91	ug/L		06/03/25 12:40	06/04/25 15:14	1
Selenium	2.5	U	2.5	0.59	ug/L		06/03/25 12:40	06/04/25 15:14	1
Silver	2.0	U	2.0	0.29	ug/L		06/03/25 12:40	06/04/25 15:14	1
Zinc	16.0	U	16.0	6.5	ug/L		06/03/25 12:40	06/04/25 15:14	1

Lab Sample ID: 460-327048-8 MS
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: B1_5-10_20250519
Prep Type: TCLP
Prep Batch: 1041213

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	20.0	U	5000	4920		ug/L		98	75 - 125		
Barium	444		10000	9661		ug/L		92	75 - 125		
Cadmium	9.2	U	1000	982.2		ug/L		98	75 - 125		
Chromium	40.0	U	5000	4965		ug/L		99	75 - 125		
Copper	24.7	J	1000	994.4		ug/L		97	75 - 125		
Lead	12.0	U	5000	4898		ug/L		98	75 - 125		
Nickel	32.4	J	1000	994.2		ug/L		96	75 - 125		
Selenium	25.0	U	1000	968.0		ug/L		97	75 - 125		
Silver	20.0	U	500	492.9		ug/L		99	75 - 125		
Zinc	160	U	1000	1012		ug/L		101	75 - 125		

Lab Sample ID: 460-327048-8 DU
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: B1_5-10_20250519
Prep Type: TCLP
Prep Batch: 1041213

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Arsenic	20.0	U		20.0	U	ug/L				NC	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-327048-8 DU
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: B1_5-10_20250519
Prep Type: TCLP
Prep Batch: 1041213

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Barium	444		434.1		ug/L		2	20
Cadmium	9.2	U	9.2	U	ug/L		NC	20
Chromium	40.0	U	40.0	U	ug/L		NC	20
Copper	24.7	J	40.0	U	ug/L		NC	20
Lead	12.0	U	12.0	U	ug/L		NC	20
Nickel	32.4	J	32.36	J	ug/L		0.06	20
Selenium	25.0	U	25.0	U	ug/L		NC	20
Silver	20.0	U	20.0	U	ug/L		NC	20
Zinc	160	U	160	U	ug/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-1040495/13-A
Matrix: Solid
Analysis Batch: 1040602

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040495

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		05/30/25 10:12	05/30/25 15:01	1

Lab Sample ID: LCS 460-1040495/14-A
Matrix: Solid
Analysis Batch: 1040602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040495

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.19		ug/L		104	80 - 120

Lab Sample ID: MB 460-1041190/1-A
Matrix: Solid
Analysis Batch: 1041280

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1041190

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:13	1

Lab Sample ID: LCS 460-1041190/2-A
Matrix: Solid
Analysis Batch: 1041280

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1041190

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.00		ug/L		100	80 - 120

Lab Sample ID: MB 460-1041430/1-A
Matrix: Solid
Analysis Batch: 1041508

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1041430

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/04/25 10:18	06/04/25 14:34	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 460-1041430/2-A
Matrix: Solid
Analysis Batch: 1041508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1041430

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.97		ug/L		99	80 - 120

Lab Sample ID: LB 460-1040059/1-F
Matrix: Solid
Analysis Batch: 1040602

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1040495

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		05/30/25 10:13	05/30/25 16:44	1

Lab Sample ID: 460-326739-K-1-I MS
Matrix: Solid
Analysis Batch: 1040602

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 1040495

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.20	U	5.00	5.23		ug/L		105	75 - 125

Lab Sample ID: 460-326739-K-1-H DU
Matrix: Solid
Analysis Batch: 1040602

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 1040495

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.20	U	0.20	U	ug/L		NC	20

Lab Sample ID: LB 460-1040849/1-G
Matrix: Solid
Analysis Batch: 1041280

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1041190

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 16:36	1

Lab Sample ID: LB 460-1040850/1-F
Matrix: Solid
Analysis Batch: 1041280

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1041190

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:48	06/03/25 16:37	1

Lab Sample ID: LB 460-1041054/1-B
Matrix: Solid
Analysis Batch: 1041280

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1041190

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 11:26	06/03/25 16:41	1

Lab Sample ID: 460-326691-2 MS
Matrix: Solid
Analysis Batch: 1041280

Client Sample ID: B2_5-10_20250520
Prep Type: TCLP
Prep Batch: 1041190

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.20	U	5.00	5.17		ug/L		103	75 - 125

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 460-326691-2 DU
Matrix: Solid
Analysis Batch: 1041280

Client Sample ID: B2_5-10_20250520
Prep Type: TCLP
Prep Batch: 1041190

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.20	U		0.20	U	ug/L				NC	20

Lab Sample ID: LB 460-1040850/1-H
Matrix: Solid
Analysis Batch: 1041508

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1041430

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/04/25 10:18	06/04/25 15:30	1

Lab Sample ID: LB 460-1041054/1-D
Matrix: Solid
Analysis Batch: 1041508

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1041430

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/04/25 10:18	06/04/25 15:33	1

Lab Sample ID: 460-326870-A-2-G MS
Matrix: Solid
Analysis Batch: 1041508

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 1041430

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.20	U	5.00	5.04		ug/L		101	75 - 125		

Lab Sample ID: 460-326870-A-2-F DU
Matrix: Solid
Analysis Batch: 1041508

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 1041430

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.20	U		0.20	U	ug/L				NC	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1040101/10-A
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040101

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		05/29/25 00:35	05/29/25 03:56	1

Lab Sample ID: LCSSRM 460-1040101/11-A ^40
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040101

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	14.20		mg/Kg		100.7	69.6 - 130.5		

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-326735-E-1-M MS
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040101

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.52		0.0833	0.380	4	mg/Kg	☼	-166	80 - 120

Lab Sample ID: 460-326735-E-1-L DU
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040101

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.52		0.526		mg/Kg	☼	1	20

Lab Sample ID: MB 460-1040102/1-A
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040102

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		05/29/25 00:54	05/29/25 04:49	1

Lab Sample ID: LCSSRM 460-1040102/2-A ^40
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040102

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	14.69		mg/Kg		104.2	69.6 - 130.5

Lab Sample ID: 460-326806-4 MS
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: B4_15-20_20250522
Prep Type: Total/NA
Prep Batch: 1040102

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.019	U	0.0941	0.106		mg/Kg	☼	113	80 - 120

Lab Sample ID: 460-326806-4 DU
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: B4_15-20_20250522
Prep Type: Total/NA
Prep Batch: 1040102

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.019	U	0.019	U	mg/Kg	☼	NC	20

Lab Sample ID: MB 460-1040378/10-A
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040378

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		05/30/25 00:43	05/30/25 03:57	1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCSSRM 460-1040378/11-A
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040378

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	10.85		mg/Kg		76.9	69.6 - 130.5		

Lab Sample ID: 460-326691-8 MS
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: A2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040378

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.19		0.0816	0.411	N	mg/Kg	☼	272	80 - 120		

Lab Sample ID: 460-326691-8 DU
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: A2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040378

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.19			0.194		mg/Kg	☼			2	20

Lab Sample ID: MB 460-1040379/1-A
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040379

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		05/30/25 01:23	05/30/25 04:49	1

Lab Sample ID: LCSSRM 460-1040379/2-A ^40
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040379

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	12.14		mg/Kg		86.1	69.6 - 130.5		

Lab Sample ID: 460-327049-A-15-F MS
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040379

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.11		0.0846	0.246	N	mg/Kg	☼	166	80 - 120		

Lab Sample ID: 460-327049-A-15-G MSD
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040379

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.11		0.0846	0.261	N	mg/Kg	☼	183	80 - 120	6	20

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-327049-A-15-E DU
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040379

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.11			0.107		mg/Kg	☼			1	20

Lab Sample ID: MB 460-1040870/1-A
Matrix: Solid
Analysis Batch: 1040960

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040870

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		06/02/25 01:11	06/02/25 05:18	1

Lab Sample ID: LCSSRM 460-1040870/2-A ^40
Matrix: Solid
Analysis Batch: 1040960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040870

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	13.51		mg/Kg		95.8	69.6 - 130.5		

Lab Sample ID: 460-326814-E-1-J MS
Matrix: Solid
Analysis Batch: 1040960

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040870

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.046		0.0753	0.103	N	mg/Kg	☼	77	80 - 120		

Lab Sample ID: 460-326814-E-1-I DU
Matrix: Solid
Analysis Batch: 1040960

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040870

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.046			0.0471		mg/Kg	☼			3	20

Method: 1030 - Ignitability, Solids

Lab Sample ID: 460-326661-D-1 DU
Matrix: Solid
Analysis Batch: 1040031

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Burn Rate	2.20	U		2.20	U	mm/sec				NC	10

Lab Sample ID: 460-326691-1 DU
Matrix: Solid
Analysis Batch: 1040554

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Burn Rate	2.20	U		2.20	U	mm/sec				NC	10

Method: 1030 - Ignitability, Solids (Continued)

Lab Sample ID: 460-326870-A-1 DU
Matrix: Solid
Analysis Batch: 1040554

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Burn Rate	2.20	U	2.20	U	mm/sec		NC	10

Lab Sample ID: 460-326840-E-2 DU
Matrix: Solid
Analysis Batch: 1041250

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Burn Rate	2.20	U	2.20	U	mm/sec		NC	10

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 460-1040450/15-A
Matrix: Solid
Analysis Batch: 1040508

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040450

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.0	U	2.0	0.85	mg/Kg		05/30/25 09:00	05/30/25 12:15	1

Lab Sample ID: LCSI 460-1040450/17-A
Matrix: Solid
Analysis Batch: 1040508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040450

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	708	664.8		mg/Kg		94	80 - 120

Lab Sample ID: LCSSRM 460-1040450/16-A
Matrix: Solid
Analysis Batch: 1040508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040450

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	14.9	13.77		mg/Kg		92.1	84.2 - 114.5

Lab Sample ID: 460-326953-E-3-T MSS
Matrix: Solid
Analysis Batch: 1040508

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040450

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.4	U	47.3	40.09		mg/Kg	☼	85	75 - 125

Lab Sample ID: 460-326953-E-3-U MSI
Matrix: Solid
Analysis Batch: 1040508

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040450

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.4	U	837	769.3		mg/Kg	☼	92	75 - 125

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 460-326953-E-3-S DU
Matrix: Solid
Analysis Batch: 1040508

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040450

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	2.4	U	2.4	U	mg/Kg	☼	NC	20

Lab Sample ID: MB 460-1040600/15-A
Matrix: Solid
Analysis Batch: 1040730

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040600

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.0	U	2.0	0.85	mg/Kg		05/31/25 07:40	05/31/25 12:00	1

Lab Sample ID: LCSI 460-1040600/17-A
Matrix: Solid
Analysis Batch: 1040730

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040600

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	708	689.2		mg/Kg		97	80 - 120

Lab Sample ID: LCSSRM 460-1040600/16-A
Matrix: Solid
Analysis Batch: 1040730

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040600

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	14.9	13.74		mg/Kg		92.0	84.2 - 114.5

Lab Sample ID: 460-326691-16 MSI
Matrix: Solid
Analysis Batch: 1040730

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040600

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.2	U	764	778.6		mg/Kg	☼	102	75 - 125

Lab Sample ID: 460-326691-16 MSS
Matrix: Solid
Analysis Batch: 1040730

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040600

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.2	U	43.2	36.78		mg/Kg	☼	85	75 - 125

Lab Sample ID: 460-326691-16 DU
Matrix: Solid
Analysis Batch: 1040730

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040600

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	2.2	U	2.2	U	mg/Kg	☼	NC	20

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: MB 460-1040756/15-A
Matrix: Solid
Analysis Batch: 1040950

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040756

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.0	U	2.0	0.85	mg/Kg		05/31/25 13:00	06/02/25 12:45	1

Lab Sample ID: LCSI 460-1040756/17-A
Matrix: Solid
Analysis Batch: 1040950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040756

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	708	740.8		mg/Kg		105	80 - 120

Lab Sample ID: LCSSRM 460-1040756/16-A
Matrix: Solid
Analysis Batch: 1040950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040756

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	14.9	14.45		mg/Kg		96.7	84.2 - 114.5

Lab Sample ID: 460-327048-2 MSI
Matrix: Solid
Analysis Batch: 1040950

Client Sample ID: A1_5-10_20250519
Prep Type: Total/NA
Prep Batch: 1040756

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.1	U	742	761.9		mg/Kg	☼	103	75 - 125

Lab Sample ID: 460-327048-2 MSS
Matrix: Solid
Analysis Batch: 1040950

Client Sample ID: A1_5-10_20250519
Prep Type: Total/NA
Prep Batch: 1040756

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.1	U	41.9	38.28		mg/Kg	☼	91	75 - 125

Lab Sample ID: 460-327048-2 DU
Matrix: Solid
Analysis Batch: 1040950

Client Sample ID: A1_5-10_20250519
Prep Type: Total/NA
Prep Batch: 1040756

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	2.1	U	2.1	U	mg/Kg	☼	NC	20

Lab Sample ID: MB 460-1041206/15-B
Matrix: Solid
Analysis Batch: 1041226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1041206

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.0	U	2.0	0.85	mg/Kg		06/03/25 12:00	06/03/25 15:00	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCSI 460-1041206/17-A
Matrix: Solid
Analysis Batch: 1041226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1041206

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	708	687.2		mg/Kg		97	80 - 120

Lab Sample ID: 460-326450-A-2-F MSS
Matrix: Solid
Analysis Batch: 1041226

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1041206

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.2	U	43.6	44.06		mg/Kg	☼	101	75 - 125

Lab Sample ID: 460-326450-A-2-G MSI
Matrix: Solid
Analysis Batch: 1041226

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1041206

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.2	U	748	740.2		mg/Kg	☼	99	75 - 125

Lab Sample ID: 460-326450-A-2-E DU
Matrix: Solid
Analysis Batch: 1041226

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1041206

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	2.2	U	1.16	J	mg/Kg	☼	NC	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 460-1040356/1-A
Matrix: Solid
Analysis Batch: 1040549

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040356

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		05/29/25 20:45	05/30/25 12:45	1

Lab Sample ID: LCSSRM 460-1040356/2-A ^20
Matrix: Solid
Analysis Batch: 1040549

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040356

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	172	62.40		mg/Kg		36.3	14.9 - 114.5

Lab Sample ID: 460-326685-A-6-J MS
Matrix: Solid
Analysis Batch: 1040549

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040356

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.23	U	4.56	4.08		mg/Kg	☼	89	19 - 100

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 460-326685-A-6-K MSD
Matrix: Solid
Analysis Batch: 1040549

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040356

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.23	U	4.56	4.11		mg/Kg	☼	90	19 - 100	1	40

Lab Sample ID: MRL 460-1040517/12-A
Matrix: Solid
Analysis Batch: 1040549

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040517

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0100		mg/L		100	50 - 150

Lab Sample ID: MB 460-1040629/1-A
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040629

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		05/30/25 19:45	06/01/25 19:01	1

Lab Sample ID: LCSSRM 460-1040629/2-A ^20
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040629

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	179	108.5		mg/Kg		60.6	14.9 - 114.5

Lab Sample ID: MRL 460-1040629/38-A
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040629

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0110		mg/L		110	50 - 150

Lab Sample ID: 200-78069-B-15-D MS
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040629

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.32	U	7.00	5.07		mg/Kg	☼	72	19 - 100

Lab Sample ID: 200-78069-B-15-E MSD
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040629

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.32	U	6.73	5.01		mg/Kg	☼	74	19 - 100	1	40

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: MB 460-1040633/1-A
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		05/30/25 20:54	06/01/25 20:05	1

Lab Sample ID: LCSSRM 460-1040633/2-A ^20
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040633

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	172	99.36		mg/Kg		57.8	14.9 - 114.5

Lab Sample ID: 460-326877-1 MS
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: A4_0-5_20250521
Prep Type: Total/NA
Prep Batch: 1040633

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.14	J	5.21	4.17		mg/Kg	☼	77	19 - 100

Lab Sample ID: 460-326877-1 MSD
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: A4_0-5_20250521
Prep Type: Total/NA
Prep Batch: 1040633

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.14	J	4.65	4.25		mg/Kg	☼	89	19 - 100	2	40

Lab Sample ID: MB 460-1040635/1-A
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040635

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		05/30/25 20:58	06/01/25 20:36	1

Lab Sample ID: LCSSRM 460-1040635/2-A ^20
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040635

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	172	96.00		mg/Kg		55.8	14.9 - 114.5

Lab Sample ID: 460-326691-1 MS
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040635

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.26	U	4.79	3.92		mg/Kg	☼	82	29 - 100

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 460-326691-1 MSD — **Client Sample ID: B2_0-5_20250520**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040866 — **Prep Batch: 1040635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.26	U	4.79	4.45		mg/Kg	☼	93	29 - 100	13	40

Lab Sample ID: 460-326813-E-1-Q MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040866 — **Prep Batch: 1040635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.22	U	4.18	3.80		mg/Kg	☼	91	19 - 100

Lab Sample ID: 460-326813-E-1-R MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040866 — **Prep Batch: 1040635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.22	U	4.32	4.17		mg/Kg	☼	96	19 - 100	9	40

Lab Sample ID: MRL 460-1041015/38-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1041079 — **Prep Batch: 1041015**

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.00917	J	mg/L		92	50 - 150

Lab Sample ID: MB 460-1041029/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1041079 — **Prep Batch: 1041029**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		06/02/25 18:07	06/02/25 22:10	1

Lab Sample ID: LCSSRM 460-1041029/2-A ^20 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1041079 — **Prep Batch: 1041029**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	172	97.92		mg/Kg		56.9	14.9 - 114.5

Lab Sample ID: 460-327195-A-1-H MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1041079 — **Prep Batch: 1041029**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.27	U	5.37	0.982	N	mg/Kg	☼	18	19 - 100

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 460-327195-A-1-I MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1041079 — **Prep Batch: 1041029**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.27	U	5.37	0.996		mg/Kg	☼	19	19 - 100	1	40

Method: 9014 - Cyanide, Reactive

Lab Sample ID: MB 460-1040298/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040300 — **Prep Batch: 1040298**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1

Lab Sample ID: LCS 460-1040298/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040300 — **Prep Batch: 1040298**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Reactive	40.0	25.0	U	mg/Kg		12	12 - 100

Lab Sample ID: 460-326806-5 DU — **Client Sample ID: B1-B2_20-25_20250522**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040300 — **Prep Batch: 1040298**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Reactive	25.0	U	24.9	U	mg/Kg		NC	10

Lab Sample ID: MB 460-1040610/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040615 — **Prep Batch: 1040610**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		05/30/25 10:00	05/30/25 14:45	1

Lab Sample ID: MB 460-1040610/24-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040615 — **Prep Batch: 1040610**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		05/30/25 10:00	05/30/25 14:45	1

Lab Sample ID: LCS 460-1040610/25-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040615 — **Prep Batch: 1040610**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Reactive	40.0	25.0	U	mg/Kg		12	12 - 100

Method: 9014 - Cyanide, Reactive (Continued)

Lab Sample ID: LCS 460-1040610/2-A
Matrix: Solid
Analysis Batch: 1040615

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040610

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Reactive			40.0	25.0	U	mg/Kg		12	10 - 100		

Lab Sample ID: 460-326691-2 DU
Matrix: Solid
Analysis Batch: 1040615

Client Sample ID: B2_5-10_20250520
Prep Type: Total/NA
Prep Batch: 1040610

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cyanide, Reactive	24.9	U		24.9	U	mg/Kg				NC	10

Lab Sample ID: 460-326784-A-3-T DU
Matrix: Solid
Analysis Batch: 1040615

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040610

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cyanide, Reactive	24.9	U		24.9	U	mg/Kg				NC	10

Lab Sample ID: MB 460-1040995/1-A
Matrix: Solid
Analysis Batch: 1040996

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040995

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		06/02/25 09:30	06/02/25 14:15	1

Lab Sample ID: LCS 460-1040995/2-A
Matrix: Solid
Analysis Batch: 1040996

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040995

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Reactive			40.0	25.0	U	mg/Kg		12	12 - 100		

Lab Sample ID: 460-326840-A-2-L DU
Matrix: Solid
Analysis Batch: 1040996

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040995

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cyanide, Reactive	25.0	U		24.9	U	mg/Kg				NC	10

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 460-1040296/1-A
Matrix: Solid
Analysis Batch: 1040301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040296

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1

Method: 9034 - Sulfide, Reactive (Continued)

Lab Sample ID: MB 460-1040296/26-A
Matrix: Solid
Analysis Batch: 1040301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040296

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1

Lab Sample ID: LCS 460-1040296/28-A
Matrix: Solid
Analysis Batch: 1040301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040296

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	96.6	84.96		mg/Kg		88	

Lab Sample ID: LCSSRM 460-1040296/3-A
Matrix: Solid
Analysis Batch: 1040301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040296

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	96.6	92.97		mg/Kg		96.2	50.3 - 139.8

Lab Sample ID: 460-326806-5 MS
Matrix: Solid
Analysis Batch: 1040301

Client Sample ID: B1-B2_20-25_20250522
Prep Type: Total/NA
Prep Batch: 1040296

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	20.8		408	300.2	N	mg/Kg		68	79 - 120

Lab Sample ID: 460-326806-5 MSD
Matrix: Solid
Analysis Batch: 1040301

Client Sample ID: B1-B2_20-25_20250522
Prep Type: Total/NA
Prep Batch: 1040296

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	20.8		408	283.9	N	mg/Kg		64	79 - 120	6	11

Lab Sample ID: MB 460-1040607/1-A
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		05/30/25 10:00	05/30/25 14:45	1

Lab Sample ID: MB 460-1040607/26-A
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		05/30/25 10:00	05/30/25 14:45	1

Method: 9034 - Sulfide, Reactive (Continued)

Lab Sample ID: LCS 460-1040607/28-A
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	96.6	84.96		mg/Kg		88	

Lab Sample ID: LCSSRM 460-1040607/3-A
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	96.6	92.97		mg/Kg		96.2	50.3 - 139.8

Lab Sample ID: 460-326691-2 MS
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: B2_5-10_20250520
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	19.9	U	408	268.2		mg/Kg		66	56 - 132

Lab Sample ID: 460-326691-2 MSD
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: B2_5-10_20250520
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	19.9	U	408	252.0		mg/Kg		62	56 - 132	6	11

Lab Sample ID: 460-326784-A-3-Q MS
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	19.9	U	408	275.9	N	mg/Kg		68	79 - 120

Lab Sample ID: 460-326784-A-3-R MSD
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	19.9	U	408	259.7	N	mg/Kg		64	79 - 120	6	11

Lab Sample ID: MB 460-1040993/1-A
Matrix: Solid
Analysis Batch: 1041000

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040993

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		06/02/25 09:30	06/02/25 14:15	1

Method: 9034 - Sulfide, Reactive (Continued)

Lab Sample ID: LCSSRM 460-1040993/3-A
Matrix: Solid
Analysis Batch: 1041000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040993

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide, Reactive			96.6	92.97		mg/Kg		96.2	50.3 - 139.8		

Lab Sample ID: 460-326840-A-2-I MS
Matrix: Solid
Analysis Batch: 1041000

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040993

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide, Reactive	20.0	U	408	291.9	N	mg/Kg		72	79 - 120		

Lab Sample ID: 460-326840-A-2-J MSD
Matrix: Solid
Analysis Batch: 1041000

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040993

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	20.0	U	408	276.2	N	mg/Kg		68	79 - 120	6	11

Method: 9045D - pH

Lab Sample ID: LCSSRM 460-1040274/2
Matrix: Solid
Analysis Batch: 1040274

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
pH			5.65	5.5		SU		97.7	96.5 - 103.5		
Corrosivity			5.65	5.5		SU		97.7	96.5 - 103.5		

Lab Sample ID: 460-326784-A-1 DU
Matrix: Solid
Analysis Batch: 1040274

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.3		7.4		SU		1	10
Temperature	21.7		21.8		Degrees C		0.5	10
Corrosivity	7.3		7.4		SU		1	10

Lab Sample ID: LCS 460-1040530/27
Matrix: Solid
Analysis Batch: 1040530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
pH			5.65	5.6		SU		98	95 - 105		
Corrosivity			5.65	5.6		SU		98	95 - 105		

Method: 9045D - pH (Continued)

Lab Sample ID: LCSSRM 460-1040530/2
Matrix: Solid
Analysis Batch: 1040530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
pH			5.65	5.6		SU		98.2	96.5 - 103.5		
Corrosivity			5.65	5.6		SU		98.2	96.5 - 103.5		

Lab Sample ID: 460-326877-7 DU
Matrix: Solid
Analysis Batch: 1040530

Client Sample ID: B3_15-20_20250521
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	10.1	HF		10.1		SU				0.1	10
Temperature	21.8	HF		21.6		Degrees C				0.9	10
Corrosivity	10.1	HF		10.1		SU				0.1	10

Lab Sample ID: 460-327048-1 DU
Matrix: Solid
Analysis Batch: 1040530

Client Sample ID: A1_0-5_20250519
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	9.6	HF		9.6		SU				0	10
Temperature	21.9	HF		21.8		Degrees C				0.5	10
Corrosivity	9.6	HF		9.6		SU				0	10

Lab Sample ID: LCSSRM 460-1041013/2
Matrix: Solid
Analysis Batch: 1041013

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
pH			5.65	5.6		SU		98.2	96.5 - 103.5		
Corrosivity			5.65	5.6		SU		98.2	96.5 - 103.5		

Lab Sample ID: 460-327051-A-2 DU
Matrix: Solid
Analysis Batch: 1041013

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.4			7.3		SU				0.3	10
Temperature	22.6			22.6		Degrees C				0	10
Corrosivity	7.4			7.3		SU				0.3	10

Method: 9095B - Paint Filter

Lab Sample ID: 460-327048-2 DU
Matrix: Solid
Analysis Batch: 1040541

Client Sample ID: A1_5-10_20250519
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Free Liquid	0.500	U		0.500	U	mL/100g				NC	10

Method: 9095B - Paint Filter (Continued)

Lab Sample ID: 460-327111-A-4 DU
Matrix: Solid
Analysis Batch: 1041244

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Free Liquid	0.500	U		0.500	U	mL/100g				NC	10

Method: Moisture - Percent Moisture

Lab Sample ID: 460-326785-A-1 DU
Matrix: Solid
Analysis Batch: 1039517

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	28.8			33.1		%				14	20
Percent Solids	71.2			66.9		%				6	20

Lab Sample ID: 460-326772-A-5 DU
Matrix: Solid
Analysis Batch: 1039814

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	15.8			15.6		%				1	20
Percent Solids	84.2			84.4		%				0.2	20

Lab Sample ID: 460-326691-1 DU
Matrix: Solid
Analysis Batch: 1040350

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	10.5			6.9	*	%				41	20
Percent Solids	89.5			93.1		%				4	20

Lab Sample ID: 460-326691-2 DU
Matrix: Solid
Analysis Batch: 1040350

Client Sample ID: B2_5-10_20250520
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	8.8			8.7		%				0.4	20
Percent Solids	91.2			91.3		%				0	20

Lab Sample ID: 460-326691-3 DU
Matrix: Solid
Analysis Batch: 1040350

Client Sample ID: B2_10-15_20250520
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	8.9			5.0	*	%				56	20
Percent Solids	91.1			95.0		%				4	20

Lab Sample ID: 460-327022-B-3 DU
Matrix: Solid
Analysis Batch: 1040350

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	4.0			4.8		%				19	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-327022-B-3 DU
Matrix: Solid
Analysis Batch: 1040350

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	96.0			95.2		%				0.9	20

Lab Sample ID: 460-326877-7 DU
Matrix: Solid
Analysis Batch: 1040453

Client Sample ID: B3_15-20_20250521
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	7.5			9.9	*	%				28	20
Percent Solids	92.5			90.1		%				3	20

GC/MS Semi VOA

Prep Batch: 1039939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	3546	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	3546	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	3546	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	3546	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	3546	
MB 460-1039939/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1039939/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1039939/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326803-C-1-A MS	Matrix Spike	Total/NA	Solid	3546	
460-326803-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1040069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	8270E	1039939
460-326806-2	B4_5-10_20250522	Total/NA	Solid	8270E	1039939
460-326806-3	B4_10-15_20250522	Total/NA	Solid	8270E	1039939
460-326806-4	B4_15-20_20250522	Total/NA	Solid	8270E	1039939
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	8270E	1039939
MB 460-1039939/1-A	Method Blank	Total/NA	Solid	8270E	1039939
LCS 460-1039939/2-A	Lab Control Sample	Total/NA	Solid	8270E	1039939
LCSD 460-1039939/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1039939
460-326803-C-1-A MS	Matrix Spike	Total/NA	Solid	8270E	1039939
460-326803-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1039939

Prep Batch: 1040352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-16	A3_10-15_20250520	Total/NA	Solid	3546	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	3546	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	3546	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	3546	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	3546	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	3546	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	3546	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	3546	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	3546	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	3546	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	3546	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	3546	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	3546	
MB 460-1040352/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040352/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040352/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326691-16 MS	A3_10-15_20250520	Total/NA	Solid	3546	
460-326691-16 MSD	A3_10-15_20250520	Total/NA	Solid	3546	

Prep Batch: 1040354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	3546	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	3546	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	3546	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 1040354 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-8	A2_0-5_20250520	Total/NA	Solid	3546	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	3546	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	3546	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	3546	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	3546	
MB 460-1040354/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040354/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040354/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-327049-A-20-A MS	Matrix Spike	Total/NA	Solid	3546	
460-327049-A-20-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1040407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	8270E	1040354
460-326691-2	B2_5-10_20250520	Total/NA	Solid	8270E	1040354
460-326691-3	B2_10-15_20250520	Total/NA	Solid	8270E	1040354
460-326691-4	B2_15-20_20250520	Total/NA	Solid	8270E	1040354
460-326691-8	A2_0-5_20250520	Total/NA	Solid	8270E	1040354
460-326691-9	A2_5-10_20250520	Total/NA	Solid	8270E	1040354
460-326691-10	A2_10-15_20250520	Total/NA	Solid	8270E	1040354
460-326691-14	A3_0-5_20250520	Total/NA	Solid	8270E	1040354
460-326691-15	A3_5-10_20250520	Total/NA	Solid	8270E	1040354
MB 460-1040354/1-A	Method Blank	Total/NA	Solid	8270E	1040354
LCS 460-1040354/2-A	Lab Control Sample	Total/NA	Solid	8270E	1040354
LCSD 460-1040354/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1040354
460-327049-A-20-A MS	Matrix Spike	Total/NA	Solid	8270E	1040354
460-327049-A-20-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1040354

Analysis Batch: 1040410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-16	A3_10-15_20250520	Total/NA	Solid	8270E	1040352
460-326877-1	A4_0-5_20250521	Total/NA	Solid	8270E	1040352
460-326877-2	A4_5-10_20250521	Total/NA	Solid	8270E	1040352
460-326877-6	B3_10-15_20250521	Total/NA	Solid	8270E	1040352
460-326877-7	B3_15-20_20250521	Total/NA	Solid	8270E	1040352
460-326877-8	B3_5-10_20250521	Total/NA	Solid	8270E	1040352
460-327048-1	A1_0-5_20250519	Total/NA	Solid	8270E	1040352
460-327048-2	A1_5-10_20250519	Total/NA	Solid	8270E	1040352
460-327048-3	A1_10-15_20250519	Total/NA	Solid	8270E	1040352
460-327048-7	B1_0-5_20250519	Total/NA	Solid	8270E	1040352
460-327048-8	B1_5-10_20250519	Total/NA	Solid	8270E	1040352
460-327048-9	B1_10-15_20250519	Total/NA	Solid	8270E	1040352
460-327048-10	B1_15-20_20250519	Total/NA	Solid	8270E	1040352
MB 460-1040352/1-A	Method Blank	Total/NA	Solid	8270E	1040352
LCS 460-1040352/2-A	Lab Control Sample	Total/NA	Solid	8270E	1040352
LCSD 460-1040352/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1040352
460-326691-16 MS	A3_10-15_20250520	Total/NA	Solid	8270E	1040352
460-326691-16 MSD	A3_10-15_20250520	Total/NA	Solid	8270E	1040352

GC/MS Semi VOA

Prep Batch: 1040640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	3546	
MB 460-1040640/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040640/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040640/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-327185-A-4-G MS	Matrix Spike	Total/NA	Solid	3546	
460-327185-A-4-H MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1040715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1040640/1-A	Method Blank	Total/NA	Solid	8270E	1040640
LCS 460-1040640/2-A	Lab Control Sample	Total/NA	Solid	8270E	1040640
LCSD 460-1040640/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1040640
460-327185-A-4-G MS	Matrix Spike	Total/NA	Solid	8270E	1040640
460-327185-A-4-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1040640

Analysis Batch: 1040833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	8270E	1040640

GC VOA

Prep Batch: 1039787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-6	B4-1B_3-5_20250522	Total/NA	Solid	5035	
460-326806-7	B4-1B_8-10_20250522	Total/NA	Solid	5035	
460-326806-8	B4-4_13-15_20250522	Total/NA	Solid	5035	
460-326806-9	B4-4_15-17_20250522	Total/NA	Solid	5035	
460-326806-10	B1-4_20-22_20250522	Total/NA	Solid	5035	

Analysis Batch: 1040043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-6	B4-1B_3-5_20250522	Total/NA	Solid	8015D	1039787
460-326806-7	B4-1B_8-10_20250522	Total/NA	Solid	8015D	1039787
MB 460-1040043/4	Method Blank	Total/NA	Solid	8015D	
LCS 460-1040043/2	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 460-1040043/3	Lab Control Sample Dup	Total/NA	Solid	8015D	

Analysis Batch: 1040218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-8	B4-4_13-15_20250522	Total/NA	Solid	8015D	1039787
460-326806-9	B4-4_15-17_20250522	Total/NA	Solid	8015D	1039787
460-326806-10	B1-4_20-22_20250522	Total/NA	Solid	8015D	1039787
MB 460-1040218/4	Method Blank	Total/NA	Solid	8015D	
LCS 460-1040218/2	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 460-1040218/3	Lab Control Sample Dup	Total/NA	Solid	8015D	

Analysis Batch: 1040357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-5	B2-2_3-5_20250520	Total/NA	Solid	8015D	1040493
460-326691-6	B2-2_8-10_20250520	Total/NA	Solid	8015D	1040493
460-326691-7	B2-2_13-15_20250520	Total/NA	Solid	8015D	1040493

GC VOA (Continued)

Analysis Batch: 1040357 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-11	A2-3_3-5_20250520	Total/NA	Solid	8015D	1040493
460-326691-12	A2-3_10-12_20250520	Total/NA	Solid	8015D	1040493
460-326691-13	A2-3_8-10_20250520	Total/NA	Solid	8015D	1040493
460-326691-17	A3-1_3-5_20250520	Total/NA	Solid	8015D	1040493
460-326691-18	A3-1_8-10_20250520	Total/NA	Solid	8015D	1040493
460-326691-19	A3-1_13-15_20250520	Total/NA	Solid	8015D	1040493
460-326877-4	A4-3_8-10_20250521	Total/NA	Solid	8015D	1040493
460-326877-10	B3-4_6-8_20250521	Total/NA	Solid	8015D	1040493
460-326877-11	B3-4_13-15_20250521	Total/NA	Solid	8015D	1040493
460-326877-12	B3-4_16-18_20250521	Total/NA	Solid	8015D	1040493
MB 460-1040357/5	Method Blank	Total/NA	Solid	8015D	
LCS 460-1040357/2	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 460-1040357/3	Lab Control Sample Dup	Total/NA	Solid	8015D	

Prep Batch: 1040493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-5	B2-2_3-5_20250520	Total/NA	Solid	5035	
460-326691-6	B2-2_8-10_20250520	Total/NA	Solid	5035	
460-326691-7	B2-2_13-15_20250520	Total/NA	Solid	5035	
460-326691-11	A2-3_3-5_20250520	Total/NA	Solid	5035	
460-326691-12	A2-3_10-12_20250520	Total/NA	Solid	5035	
460-326691-13	A2-3_8-10_20250520	Total/NA	Solid	5035	
460-326691-17	A3-1_3-5_20250520	Total/NA	Solid	5035	
460-326691-18	A3-1_8-10_20250520	Total/NA	Solid	5035	
460-326691-19	A3-1_13-15_20250520	Total/NA	Solid	5035	
460-326877-3	A4-3_3-5_20250521	Total/NA	Solid	5035	
460-326877-4	A4-3_8-10_20250521	Total/NA	Solid	5035	
460-326877-9	B3-4_3-5_20250521	Total/NA	Solid	5035	
460-326877-10	B3-4_6-8_20250521	Total/NA	Solid	5035	
460-326877-11	B3-4_13-15_20250521	Total/NA	Solid	5035	
460-326877-12	B3-4_16-18_20250521	Total/NA	Solid	5035	
460-327048-4	A1_3-5_20250519	Total/NA	Solid	5035	
460-327048-5	A1_8-10_20250519	Total/NA	Solid	5035	
460-327048-6	A1_13-15_20250519	Total/NA	Solid	5035	
460-327048-11	B1_3-5_20250519	Total/NA	Solid	5035	
460-327048-12	B1_5-7_20250519	Total/NA	Solid	5035	
460-327048-13	B1_17-19_20250519	Total/NA	Solid	5035	
460-327048-14	B2_17-19_20250519	Total/NA	Solid	5035	
460-327048-15	B1_13-15_20250519	Total/NA	Solid	5035	

Analysis Batch: 1040505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-4	A1_3-5_20250519	Total/NA	Solid	8015D	1040493
460-327048-5	A1_8-10_20250519	Total/NA	Solid	8015D	1040493
460-327048-6	A1_13-15_20250519	Total/NA	Solid	8015D	1040493
460-327048-11	B1_3-5_20250519	Total/NA	Solid	8015D	1040493
460-327048-12	B1_5-7_20250519	Total/NA	Solid	8015D	1040493
MB 460-1040505/5	Method Blank	Total/NA	Solid	8015D	
LCS 460-1040505/2	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 460-1040505/3	Lab Control Sample Dup	Total/NA	Solid	8015D	

QC Association Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

GC VOA

Analysis Batch: 1040959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-3	A4-3_3-5_20250521	Total/NA	Solid	8015D	1040493
460-326877-9	B3-4_3-5_20250521	Total/NA	Solid	8015D	1040493
460-327048-13	B1_17-19_20250519	Total/NA	Solid	8015D	1040493
460-327048-14	B2_17-19_20250519	Total/NA	Solid	8015D	1040493
460-327048-15	B1_13-15_20250519	Total/NA	Solid	8015D	1040493
MB 460-1040959/5	Method Blank	Total/NA	Solid	8015D	
LCS 460-1040959/2	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 460-1040959/3	Lab Control Sample Dup	Total/NA	Solid	8015D	

GC Semi VOA

Prep Batch: 1039660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	8151A	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	8151A	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	8151A	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	8151A	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	8151A	
MB 460-1039660/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-1039660/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-1039660/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
460-326784-A-2-A MS	Matrix Spike	Total/NA	Solid	8151A	
460-326784-A-2-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	

Analysis Batch: 1039829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	NJDEP EPH	1039957
460-326806-2	B4_5-10_20250522	Total/NA	Solid	NJDEP EPH	1039957
460-326806-3	B4_10-15_20250522	Total/NA	Solid	NJDEP EPH	1039957
460-326806-4	B4_15-20_20250522	Total/NA	Solid	NJDEP EPH	1039957
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	NJDEP EPH	1039957
MB 460-1039957/1-A	Method Blank	Total/NA	Solid	NJDEP EPH	1039957
LCS 460-1039957/2-A	Lab Control Sample	Total/NA	Solid	NJDEP EPH	1039957
LCSD 460-1039957/3-A	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	1039957
460-326800-B-7-D MS	Matrix Spike	Total/NA	Solid	NJDEP EPH	1039957
460-326800-B-7-E MSD	Matrix Spike Duplicate	Total/NA	Solid	NJDEP EPH	1039957

Analysis Batch: 1039894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	8151A	1039660
460-326806-2	B4_5-10_20250522	Total/NA	Solid	8151A	1039660
460-326806-3	B4_10-15_20250522	Total/NA	Solid	8151A	1039660
460-326806-4	B4_15-20_20250522	Total/NA	Solid	8151A	1039660
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	8151A	1039660
MB 460-1039660/1-A	Method Blank	Total/NA	Solid	8151A	1039660
LCS 460-1039660/2-A	Lab Control Sample	Total/NA	Solid	8151A	1039660
LCSD 460-1039660/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	1039660
460-326784-A-2-A MS	Matrix Spike	Total/NA	Solid	8151A	1039660
460-326784-A-2-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	1039660

QC Association Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

GC Semi VOA

Prep Batch: 1039957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	3546	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	3546	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	3546	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	3546	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	3546	
MB 460-1039957/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1039957/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1039957/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326800-B-7-D MS	Matrix Spike	Total/NA	Solid	3546	
460-326800-B-7-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1039985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	3546	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	3546	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	3546	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	3546	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	3546	
MB 460-1039985/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1039985/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1039985/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326907-E-1-E MS	Matrix Spike	Total/NA	Solid	3546	
460-326907-E-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1039986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	3546	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	3546	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	3546	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	3546	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	3546	
MB 460-1039986/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1039986/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1039986/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326907-E-1-H MS	Matrix Spike	Total/NA	Solid	3546	
460-326907-E-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1040060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-6	B4-1B_3-5_20250522	Total/NA	Solid	3546	
460-326806-7	B4-1B_8-10_20250522	Total/NA	Solid	3546	
460-326806-8	B4-4_13-15_20250522	Total/NA	Solid	3546	
460-326806-9	B4-4_15-17_20250522	Total/NA	Solid	3546	
460-326806-10	B1-4_20-22_20250522	Total/NA	Solid	3546	
MB 460-1040060/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040060/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040060/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326806-6 MS	B4-1B_3-5_20250522	Total/NA	Solid	3546	
460-326806-6 MSD	B4-1B_3-5_20250522	Total/NA	Solid	3546	

GC Semi VOA

Analysis Batch: 1040105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	8081B	1039986
460-326806-2	B4_5-10_20250522	Total/NA	Solid	8081B	1039986
460-326806-3	B4_10-15_20250522	Total/NA	Solid	8081B	1039986
460-326806-4	B4_15-20_20250522	Total/NA	Solid	8081B	1039986
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	8081B	1039986
MB 460-1039986/1-A	Method Blank	Total/NA	Solid	8081B	1039986
LCS 460-1039986/2-A	Lab Control Sample	Total/NA	Solid	8081B	1039986
LCSD 460-1039986/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1039986
460-326907-E-1-H MS	Matrix Spike	Total/NA	Solid	8081B	1039986
460-326907-E-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8081B	1039986

Analysis Batch: 1040114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	8082A	1039985
460-326806-2	B4_5-10_20250522	Total/NA	Solid	8082A	1039985
460-326806-3	B4_10-15_20250522	Total/NA	Solid	8082A	1039985
460-326806-4	B4_15-20_20250522	Total/NA	Solid	8082A	1039985
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	8082A	1039985
MB 460-1039985/1-A	Method Blank	Total/NA	Solid	8082A	1039985
LCS 460-1039985/2-A	Lab Control Sample	Total/NA	Solid	8082A	1039985
LCSD 460-1039985/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1039985
460-326907-E-1-E MS	Matrix Spike	Total/NA	Solid	8082A	1039985
460-326907-E-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	1039985

Prep Batch: 1040333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-1	A1_0-5_20250519	Total/NA	Solid	3546	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	3546	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	3546	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	3546	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	3546	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	3546	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	3546	
MB 460-1040333/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040333/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040333/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326843-A-6-G MS	Matrix Spike	Total/NA	Solid	3546	
460-326843-A-6-H MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1040382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1040504/1-A	Method Blank	Total/NA	Solid	8081B	1040504
LCS 460-1040504/2-A	Lab Control Sample	Total/NA	Solid	8081B	1040504
LCSD 460-1040504/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1040504
460-327114-A-6-G MS	Matrix Spike	Total/NA	Solid	8081B	1040504
460-327114-A-6-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8081B	1040504

Prep Batch: 1040404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	8151A	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	8151A	

GC Semi VOA (Continued)

Prep Batch: 1040404 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-3	B2_10-15_20250520	Total/NA	Solid	8151A	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	8151A	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	8151A	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	8151A	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	8151A	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	8151A	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	8151A	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	8151A	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	8151A	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	8151A	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	8151A	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	8151A	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	8151A	
MB 460-1040404/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-1040404/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-1040404/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
460-327070-E-1-A MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	
460-327070-F-1-A MS	Matrix Spike	Total/NA	Solid	8151A	

Prep Batch: 1040418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-1	A1_0-5_20250519	Total/NA	Solid	8151A	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	8151A	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	8151A	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	8151A	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	8151A	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	8151A	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	8151A	
MB 460-1040418/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-1040418/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-1040418/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
460-327048-8 MS	B1_5-10_20250519	Total/NA	Solid	8151A	
460-327048-8 MSD	B1_5-10_20250519	Total/NA	Solid	8151A	

Analysis Batch: 1040422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	8151A	1040404
460-326691-2	B2_5-10_20250520	Total/NA	Solid	8151A	1040404
460-326691-3	B2_10-15_20250520	Total/NA	Solid	8151A	1040404
460-326691-4	B2_15-20_20250520	Total/NA	Solid	8151A	1040404
460-326691-8	A2_0-5_20250520	Total/NA	Solid	8151A	1040404
460-326691-9	A2_5-10_20250520	Total/NA	Solid	8151A	1040404
460-326691-10	A2_10-15_20250520	Total/NA	Solid	8151A	1040404
460-326691-14	A3_0-5_20250520	Total/NA	Solid	8151A	1040404
460-326691-15	A3_5-10_20250520	Total/NA	Solid	8151A	1040404
460-326691-16	A3_10-15_20250520	Total/NA	Solid	8151A	1040404
460-326877-1	A4_0-5_20250521	Total/NA	Solid	8151A	1040404
460-326877-2	A4_5-10_20250521	Total/NA	Solid	8151A	1040404
460-326877-6	B3_10-15_20250521	Total/NA	Solid	8151A	1040404
460-326877-7	B3_15-20_20250521	Total/NA	Solid	8151A	1040404
460-326877-8	B3_5-10_20250521	Total/NA	Solid	8151A	1040404

GC Semi VOA (Continued)

Analysis Batch: 1040422 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1040404/1-A	Method Blank	Total/NA	Solid	8151A	1040404
LCS 460-1040404/2-A	Lab Control Sample	Total/NA	Solid	8151A	1040404
LCSD 460-1040404/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	1040404
460-327070-E-1-A MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	1040404
460-327070-F-1-A MS	Matrix Spike	Total/NA	Solid	8151A	1040404

Prep Batch: 1040454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-5	B2-2_3-5_20250520	Total/NA	Solid	3546	
460-326691-6	B2-2_8-10_20250520	Total/NA	Solid	3546	
460-326691-7	B2-2_13-15_20250520	Total/NA	Solid	3546	
460-326691-11	A2-3_3-5_20250520	Total/NA	Solid	3546	
460-326691-12	A2-3_10-12_20250520	Total/NA	Solid	3546	
460-326691-13	A2-3_8-10_20250520	Total/NA	Solid	3546	
460-326691-18	A3-1_8-10_20250520	Total/NA	Solid	3546	
460-326691-19	A3-1_13-15_20250520	Total/NA	Solid	3546	
460-326877-4	A4-3_8-10_20250521	Total/NA	Solid	3546	
460-326877-10	B3-4_6-8_20250521	Total/NA	Solid	3546	
460-326877-11	B3-4_13-15_20250521	Total/NA	Solid	3546	
460-326877-12	B3-4_16-18_20250521	Total/NA	Solid	3546	
MB 460-1040454/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040454/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040454/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326691-13 MS	A2-3_8-10_20250520	Total/NA	Solid	3546	
460-326691-13 MSD	A2-3_8-10_20250520	Total/NA	Solid	3546	

Analysis Batch: 1040461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-1	A1_0-5_20250519	Total/NA	Solid	NJDEP EPH	1040333
460-327048-2	A1_5-10_20250519	Total/NA	Solid	NJDEP EPH	1040333
460-327048-3	A1_10-15_20250519	Total/NA	Solid	NJDEP EPH	1040333
460-327048-7	B1_0-5_20250519	Total/NA	Solid	NJDEP EPH	1040333
460-327048-8	B1_5-10_20250519	Total/NA	Solid	NJDEP EPH	1040333
460-327048-9	B1_10-15_20250519	Total/NA	Solid	NJDEP EPH	1040333
460-327048-10	B1_15-20_20250519	Total/NA	Solid	NJDEP EPH	1040333
MB 460-1040333/1-A	Method Blank	Total/NA	Solid	NJDEP EPH	1040333
LCS 460-1040333/2-A	Lab Control Sample	Total/NA	Solid	NJDEP EPH	1040333
LCSD 460-1040333/3-A	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	1040333
460-326843-A-6-G MS	Matrix Spike	Total/NA	Solid	NJDEP EPH	1040333
460-326843-A-6-H MSD	Matrix Spike Duplicate	Total/NA	Solid	NJDEP EPH	1040333

Analysis Batch: 1040467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-5	B2-2_3-5_20250520	Total/NA	Solid	8015D	1040454
460-326691-6	B2-2_8-10_20250520	Total/NA	Solid	8015D	1040454
460-326691-7	B2-2_13-15_20250520	Total/NA	Solid	8015D	1040454
460-326691-11	A2-3_3-5_20250520	Total/NA	Solid	8015D	1040454
460-326691-12	A2-3_10-12_20250520	Total/NA	Solid	8015D	1040454
460-326691-13	A2-3_8-10_20250520	Total/NA	Solid	8015D	1040454
460-326691-18	A3-1_8-10_20250520	Total/NA	Solid	8015D	1040454
460-326691-19	A3-1_13-15_20250520	Total/NA	Solid	8015D	1040454

GC Semi VOA (Continued)

Analysis Batch: 1040467 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-6	B4-1B_3-5_20250522	Total/NA	Solid	8015D	1040060
460-326806-7	B4-1B_8-10_20250522	Total/NA	Solid	8015D	1040060
460-326806-8	B4-4_13-15_20250522	Total/NA	Solid	8015D	1040060
460-326806-9	B4-4_15-17_20250522	Total/NA	Solid	8015D	1040060
460-326806-10	B1-4_20-22_20250522	Total/NA	Solid	8015D	1040060
460-326877-4	A4-3_8-10_20250521	Total/NA	Solid	8015D	1040454
460-326877-10	B3-4_6-8_20250521	Total/NA	Solid	8015D	1040454
460-326877-11	B3-4_13-15_20250521	Total/NA	Solid	8015D	1040454
460-326877-12	B3-4_16-18_20250521	Total/NA	Solid	8015D	1040454
MB 460-1040060/1-A	Method Blank	Total/NA	Solid	8015D	1040060
MB 460-1040454/1-A	Method Blank	Total/NA	Solid	8015D	1040454
LCS 460-1040060/2-A	Lab Control Sample	Total/NA	Solid	8015D	1040060
LCS 460-1040454/2-A	Lab Control Sample	Total/NA	Solid	8015D	1040454
LCSD 460-1040060/3-A	Lab Control Sample Dup	Total/NA	Solid	8015D	1040060
LCSD 460-1040454/3-A	Lab Control Sample Dup	Total/NA	Solid	8015D	1040454
460-326691-13 MS	A2-3_8-10_20250520	Total/NA	Solid	8015D	1040454
460-326691-13 MSD	A2-3_8-10_20250520	Total/NA	Solid	8015D	1040454
460-326806-6 MS	B4-1B_3-5_20250522	Total/NA	Solid	8015D	1040060
460-326806-6 MSD	B4-1B_3-5_20250522	Total/NA	Solid	8015D	1040060

Prep Batch: 1040490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	3546	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	3546	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	3546	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	3546	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	3546	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	3546	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	3546	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	3546	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	3546	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	3546	
MB 460-1040490/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040490/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040490/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326691-16 MS	A3_10-15_20250520	Total/NA	Solid	3546	
460-326691-16 MSD	A3_10-15_20250520	Total/NA	Solid	3546	

Prep Batch: 1040491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	3546	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	3546	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	3546	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	3546	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	3546	
MB 460-1040491/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040491/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040491/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-327010-A-1-A MS	Matrix Spike	Total/NA	Solid	3546	
460-327010-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

GC Semi VOA

Prep Batch: 1040500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	3546	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	3546	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	3546	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	3546	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	3546	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	3546	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	3546	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	3546	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	3546	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	3546	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	3546	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	3546	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	3546	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	3546	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	3546	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	3546	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	3546	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	3546	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	3546	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	3546	
MB 460-1040500/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040500/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040500/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326691-1 MS	B2_0-5_20250520	Total/NA	Solid	3546	
460-326691-1 MSD	B2_0-5_20250520	Total/NA	Solid	3546	

Prep Batch: 1040502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	3546	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	3546	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	3546	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	3546	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	3546	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	3546	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	3546	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	3546	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	3546	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	3546	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	3546	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	3546	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	3546	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	3546	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	3546	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	3546	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	3546	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	3546	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	3546	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	3546	
MB 460-1040502/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040502/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040502/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1040502 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1 MS	B2_0-5_20250520	Total/NA	Solid	3546	
460-326691-1 MSD	B2_0-5_20250520	Total/NA	Solid	3546	

Prep Batch: 1040503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	3546	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	3546	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	3546	
MB 460-1040503/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040503/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040503/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-327114-A-6-D MS	Matrix Spike	Total/NA	Solid	3546	
460-327114-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1040504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	3546	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	3546	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	3546	
MB 460-1040504/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040504/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040504/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-327114-A-6-G MS	Matrix Spike	Total/NA	Solid	3546	
460-327114-A-6-H MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1040618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-9	B1_10-15_20250519	Total/NA	Solid	8082A	1040503
460-327048-10	B1_15-20_20250519	Total/NA	Solid	8082A	1040503
MB 460-1040503/1-A	Method Blank	Total/NA	Solid	8082A	1040503
LCS 460-1040503/2-A	Lab Control Sample	Total/NA	Solid	8082A	1040503
LCSD 460-1040503/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1040503
460-327114-A-6-D MS	Matrix Spike	Total/NA	Solid	8082A	1040503
460-327114-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	1040503

Analysis Batch: 1040621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	8082A	1040500
460-326691-2	B2_5-10_20250520	Total/NA	Solid	8082A	1040500
460-326691-3	B2_10-15_20250520	Total/NA	Solid	8082A	1040500
460-326691-4	B2_15-20_20250520	Total/NA	Solid	8082A	1040500
460-326691-8	A2_0-5_20250520	Total/NA	Solid	8082A	1040500
460-326691-9	A2_5-10_20250520	Total/NA	Solid	8082A	1040500
460-326691-10	A2_10-15_20250520	Total/NA	Solid	8082A	1040500
460-326691-14	A3_0-5_20250520	Total/NA	Solid	8082A	1040500
460-326691-15	A3_5-10_20250520	Total/NA	Solid	8082A	1040500
460-326691-16	A3_10-15_20250520	Total/NA	Solid	8082A	1040500
460-326877-1	A4_0-5_20250521	Total/NA	Solid	8082A	1040500
460-326877-2	A4_5-10_20250521	Total/NA	Solid	8082A	1040500
460-326877-6	B3_10-15_20250521	Total/NA	Solid	8082A	1040500
460-326877-7	B3_15-20_20250521	Total/NA	Solid	8082A	1040500

GC Semi VOA (Continued)

Analysis Batch: 1040621 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-8	B3_5-10_20250521	Total/NA	Solid	8082A	1040500
460-327048-1	A1_0-5_20250519	Total/NA	Solid	8082A	1040500
460-327048-2	A1_5-10_20250519	Total/NA	Solid	8082A	1040500
460-327048-3	A1_10-15_20250519	Total/NA	Solid	8082A	1040500
460-327048-7	B1_0-5_20250519	Total/NA	Solid	8082A	1040500
460-327048-8	B1_5-10_20250519	Total/NA	Solid	8082A	1040500
MB 460-1040500/1-A	Method Blank	Total/NA	Solid	8082A	1040500
LCS 460-1040500/2-A	Lab Control Sample	Total/NA	Solid	8082A	1040500
LCSD 460-1040500/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1040500
460-326691-1 MS	B2_0-5_20250520	Total/NA	Solid	8082A	1040500
460-326691-1 MSD	B2_0-5_20250520	Total/NA	Solid	8082A	1040500

Analysis Batch: 1040626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-2	B2_5-10_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-3	B2_10-15_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-4	B2_15-20_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-8	A2_0-5_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-9	A2_5-10_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-10	A2_10-15_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-14	A3_0-5_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-15	A3_5-10_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-16	A3_10-15_20250520	Total/NA	Solid	NJDEP EPH	1040490
MB 460-1040490/1-A	Method Blank	Total/NA	Solid	NJDEP EPH	1040490
LCS 460-1040490/2-A	Lab Control Sample	Total/NA	Solid	NJDEP EPH	1040490
LCSD 460-1040490/3-A	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	1040490
460-326691-16 MS	A3_10-15_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-16 MSD	A3_10-15_20250520	Total/NA	Solid	NJDEP EPH	1040490

Analysis Batch: 1040627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	NJDEP EPH	1040491
460-326877-2	A4_5-10_20250521	Total/NA	Solid	NJDEP EPH	1040491
460-326877-6	B3_10-15_20250521	Total/NA	Solid	NJDEP EPH	1040491
460-326877-7	B3_15-20_20250521	Total/NA	Solid	NJDEP EPH	1040491
460-326877-8	B3_5-10_20250521	Total/NA	Solid	NJDEP EPH	1040491
MB 460-1040491/1-A	Method Blank	Total/NA	Solid	NJDEP EPH	1040491
LCS 460-1040491/2-A	Lab Control Sample	Total/NA	Solid	NJDEP EPH	1040491
LCSD 460-1040491/3-A	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	1040491
460-327010-A-1-A MS	Matrix Spike	Total/NA	Solid	NJDEP EPH	1040491
460-327010-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	NJDEP EPH	1040491

Prep Batch: 1040667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	8151A	
MB 460-1040667/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-1040667/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-1040667/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
460-327159-E-4-D MS	Matrix Spike	Total/NA	Solid	8151A	
460-327159-E-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	

GC Semi VOA

Prep Batch: 1040675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	3546	
MB 460-1040675/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040675/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040675/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-327156-A-30-B MS	Matrix Spike	Total/NA	Solid	3546	
460-327156-A-30-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1040691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	8081B	1040502
460-326691-2	B2_5-10_20250520	Total/NA	Solid	8081B	1040502
460-326691-3	B2_10-15_20250520	Total/NA	Solid	8081B	1040502
460-326691-4	B2_15-20_20250520	Total/NA	Solid	8081B	1040502
460-326691-8	A2_0-5_20250520	Total/NA	Solid	8081B	1040502
460-326691-9	A2_5-10_20250520	Total/NA	Solid	8081B	1040502
460-326691-10	A2_10-15_20250520	Total/NA	Solid	8081B	1040502
460-326691-14	A3_0-5_20250520	Total/NA	Solid	8081B	1040502
460-326691-15	A3_5-10_20250520	Total/NA	Solid	8081B	1040502
460-326691-16	A3_10-15_20250520	Total/NA	Solid	8081B	1040502
460-326877-1	A4_0-5_20250521	Total/NA	Solid	8081B	1040502
460-326877-2	A4_5-10_20250521	Total/NA	Solid	8081B	1040502
460-326877-6	B3_10-15_20250521	Total/NA	Solid	8081B	1040502
460-326877-7	B3_15-20_20250521	Total/NA	Solid	8081B	1040502
460-326877-8	B3_5-10_20250521	Total/NA	Solid	8081B	1040502
460-327048-1	A1_0-5_20250519	Total/NA	Solid	8081B	1040502
460-327048-2	A1_5-10_20250519	Total/NA	Solid	8081B	1040502
460-327048-3	A1_10-15_20250519	Total/NA	Solid	8081B	1040502
460-327048-7	B1_0-5_20250519	Total/NA	Solid	8081B	1040502
460-327048-8	B1_5-10_20250519	Total/NA	Solid	8081B	1040502
460-327048-9	B1_10-15_20250519	Total/NA	Solid	8081B	1040504
460-327048-10	B1_15-20_20250519	Total/NA	Solid	8081B	1040504
MB 460-1040502/1-A	Method Blank	Total/NA	Solid	8081B	1040502
LCS 460-1040502/2-A	Lab Control Sample	Total/NA	Solid	8081B	1040502
LCSD 460-1040502/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1040502
460-326691-1 MS	B2_0-5_20250520	Total/NA	Solid	8081B	1040502
460-326691-1 MSD	B2_0-5_20250520	Total/NA	Solid	8081B	1040502

Analysis Batch: 1040694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	8151A	1040667
460-327048-1	A1_0-5_20250519	Total/NA	Solid	8151A	1040418
460-327048-2	A1_5-10_20250519	Total/NA	Solid	8151A	1040418
460-327048-3	A1_10-15_20250519	Total/NA	Solid	8151A	1040418
460-327048-7	B1_0-5_20250519	Total/NA	Solid	8151A	1040418
460-327048-8	B1_5-10_20250519	Total/NA	Solid	8151A	1040418
460-327048-9	B1_10-15_20250519	Total/NA	Solid	8151A	1040418
460-327048-10	B1_15-20_20250519	Total/NA	Solid	8151A	1040418
MB 460-1040418/1-A	Method Blank	Total/NA	Solid	8151A	1040418
MB 460-1040667/1-A	Method Blank	Total/NA	Solid	8151A	1040667
LCS 460-1040418/2-A	Lab Control Sample	Total/NA	Solid	8151A	1040418
LCS 460-1040667/2-A	Lab Control Sample	Total/NA	Solid	8151A	1040667

GC Semi VOA (Continued)

Analysis Batch: 1040694 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 460-1040418/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	1040418
LCSD 460-1040667/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	1040667
460-327048-8 MS	B1_5-10_20250519	Total/NA	Solid	8151A	1040418
460-327048-8 MSD	B1_5-10_20250519	Total/NA	Solid	8151A	1040418
460-327159-E-4-D MS	Matrix Spike	Total/NA	Solid	8151A	1040667
460-327159-E-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	1040667

Analysis Batch: 1040876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	8081B	1040504

Analysis Batch: 1040886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	8082A	1040503

Analysis Batch: 1040939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	NJDEP EPH	1040675
MB 460-1040675/1-A	Method Blank	Total/NA	Solid	NJDEP EPH	1040675
LCS 460-1040675/2-A	Lab Control Sample	Total/NA	Solid	NJDEP EPH	1040675
LCSD 460-1040675/3-A	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	1040675
460-327156-A-30-B MS	Matrix Spike	Total/NA	Solid	NJDEP EPH	1040675
460-327156-A-30-C MSD	Matrix Spike Duplicate	Total/NA	Solid	NJDEP EPH	1040675

Metals

Prep Batch: 1039885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	3050B	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	3050B	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	3050B	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	3050B	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	3050B	
MB 460-1039885/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1039885/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-326658-E-2-H MS	Matrix Spike	Total/NA	Solid	3050B	
460-326658-E-2-G DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1039995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	6020B	1039885
460-326806-2	B4_5-10_20250522	Total/NA	Solid	6020B	1039885
460-326806-3	B4_10-15_20250522	Total/NA	Solid	6020B	1039885
460-326806-4	B4_15-20_20250522	Total/NA	Solid	6020B	1039885
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	6020B	1039885

Analysis Batch: 1040024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1039885/1-A	Method Blank	Total/NA	Solid	6020B	1039885
LCSSRM 460-1039885/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1039885
460-326658-E-2-H MS	Matrix Spike	Total/NA	Solid	6020B	1039885

Metals (Continued)

Analysis Batch: 1040024 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326658-E-2-G DU	Duplicate	Total/NA	Solid	6020B	1039885

Leach Batch: 1040059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	TCLP	Solid	1311	
460-326806-2	B4_5-10_20250522	TCLP	Solid	1311	
460-326806-3	B4_10-15_20250522	TCLP	Solid	1311	
460-326806-4	B4_15-20_20250522	TCLP	Solid	1311	
460-326806-5	B1-B2_20-25_20250522	TCLP	Solid	1311	
LB 460-1040059/1-C ^10	Method Blank	TCLP	Solid	1311	
LB 460-1040059/1-F	Method Blank	TCLP	Solid	1311	
460-326739-K-1-I MS	Matrix Spike	TCLP	Solid	1311	
460-326739-K-9-F MS ^10	Matrix Spike	TCLP	Solid	1311	
460-326739-K-1-H DU	Duplicate	TCLP	Solid	1311	
460-326739-K-9-E DU ^10	Duplicate	TCLP	Solid	1311	

Prep Batch: 1040101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	7471B	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	7471B	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	7471B	
MB 460-1040101/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1040101/11-A	Lab Control Sample	Total/NA	Solid	7471B	
460-326735-E-1-M MS	Matrix Spike	Total/NA	Solid	7471B	
460-326735-E-1-L DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 1040102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-4	B4_15-20_20250522	Total/NA	Solid	7471B	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	7471B	
MB 460-1040102/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1040102/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-326806-4 MS	B4_15-20_20250522	Total/NA	Solid	7471B	
460-326806-4 DU	B4_15-20_20250522	Total/NA	Solid	7471B	

Analysis Batch: 1040161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	7471B	1040101
460-326806-2	B4_5-10_20250522	Total/NA	Solid	7471B	1040101
460-326806-3	B4_10-15_20250522	Total/NA	Solid	7471B	1040101
460-326806-4	B4_15-20_20250522	Total/NA	Solid	7471B	1040102
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	7471B	1040102
MB 460-1040101/10-A	Method Blank	Total/NA	Solid	7471B	1040101
MB 460-1040102/1-A	Method Blank	Total/NA	Solid	7471B	1040102
LCSSRM 460-1040101/11-A	Lab Control Sample	Total/NA	Solid	7471B	1040101
LCSSRM 460-1040102/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	1040102
460-326735-E-1-M MS	Matrix Spike	Total/NA	Solid	7471B	1040101
460-326806-4 MS	B4_15-20_20250522	Total/NA	Solid	7471B	1040102
460-326735-E-1-L DU	Duplicate	Total/NA	Solid	7471B	1040101
460-326806-4 DU	B4_15-20_20250522	Total/NA	Solid	7471B	1040102

Metals

Prep Batch: 1040262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	TCLP	Solid	3010A	1040059
460-326806-2	B4_5-10_20250522	TCLP	Solid	3010A	1040059
460-326806-3	B4_10-15_20250522	TCLP	Solid	3010A	1040059
460-326806-4	B4_15-20_20250522	TCLP	Solid	3010A	1040059
460-326806-5	B1-B2_20-25_20250522	TCLP	Solid	3010A	1040059
LB 460-1040059/1-C ^10	Method Blank	TCLP	Solid	3010A	1040059
MB 460-1040262/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 460-1040262/2-A ^10	Lab Control Sample	Total/NA	Solid	3010A	
460-326739-K-9-F MS ^10	Matrix Spike	TCLP	Solid	3010A	1040059
460-326739-K-9-E DU ^10	Duplicate	TCLP	Solid	3010A	1040059

Analysis Batch: 1040299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	TCLP	Solid	6020B	1040262
460-326806-2	B4_5-10_20250522	TCLP	Solid	6020B	1040262
460-326806-3	B4_10-15_20250522	TCLP	Solid	6020B	1040262
460-326806-4	B4_15-20_20250522	TCLP	Solid	6020B	1040262
460-326806-5	B1-B2_20-25_20250522	TCLP	Solid	6020B	1040262
LB 460-1040059/1-C ^10	Method Blank	TCLP	Solid	6020B	1040262
MB 460-1040262/1-A	Method Blank	Total/NA	Solid	6020B	1040262
LCS 460-1040262/2-A ^10	Lab Control Sample	Total/NA	Solid	6020B	1040262
460-326739-K-9-F MS ^10	Matrix Spike	TCLP	Solid	6020B	1040262
460-326739-K-9-E DU ^10	Duplicate	TCLP	Solid	6020B	1040262

Prep Batch: 1040378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	7471B	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	7471B	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	7471B	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	7471B	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	7471B	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	7471B	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	7471B	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	7471B	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	7471B	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	7471B	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	7471B	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	7471B	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	7471B	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	7471B	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	7471B	
MB 460-1040378/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1040378/11-A	Lab Control Sample	Total/NA	Solid	7471B	
460-326691-8 MS	A2_0-5_20250520	Total/NA	Solid	7471B	
460-326691-8 DU	A2_0-5_20250520	Total/NA	Solid	7471B	

Prep Batch: 1040379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-1	A1_0-5_20250519	Total/NA	Solid	7471B	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	7471B	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 1040379 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-7	B1_0-5_20250519	Total/NA	Solid	7471B	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	7471B	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	7471B	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	7471B	
MB 460-1040379/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1040379/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-327049-A-15-F MS	Matrix Spike	Total/NA	Solid	7471B	
460-327049-A-15-G MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	
460-327049-A-15-E DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1040431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	7471B	1040378
460-326691-2	B2_5-10_20250520	Total/NA	Solid	7471B	1040378
460-326691-3	B2_10-15_20250520	Total/NA	Solid	7471B	1040378
460-326691-4	B2_15-20_20250520	Total/NA	Solid	7471B	1040378
460-326691-8	A2_0-5_20250520	Total/NA	Solid	7471B	1040378
460-326691-9	A2_5-10_20250520	Total/NA	Solid	7471B	1040378
460-326691-10	A2_10-15_20250520	Total/NA	Solid	7471B	1040378
460-326691-14	A3_0-5_20250520	Total/NA	Solid	7471B	1040378
460-326691-15	A3_5-10_20250520	Total/NA	Solid	7471B	1040378
460-326691-16	A3_10-15_20250520	Total/NA	Solid	7471B	1040378
460-326877-1	A4_0-5_20250521	Total/NA	Solid	7471B	1040378
460-326877-2	A4_5-10_20250521	Total/NA	Solid	7471B	1040378
460-326877-6	B3_10-15_20250521	Total/NA	Solid	7471B	1040378
460-326877-7	B3_15-20_20250521	Total/NA	Solid	7471B	1040378
460-326877-8	B3_5-10_20250521	Total/NA	Solid	7471B	1040378
460-327048-1	A1_0-5_20250519	Total/NA	Solid	7471B	1040379
460-327048-2	A1_5-10_20250519	Total/NA	Solid	7471B	1040379
460-327048-3	A1_10-15_20250519	Total/NA	Solid	7471B	1040379
460-327048-7	B1_0-5_20250519	Total/NA	Solid	7471B	1040379
460-327048-8	B1_5-10_20250519	Total/NA	Solid	7471B	1040379
460-327048-9	B1_10-15_20250519	Total/NA	Solid	7471B	1040379
460-327048-10	B1_15-20_20250519	Total/NA	Solid	7471B	1040379
MB 460-1040378/10-A	Method Blank	Total/NA	Solid	7471B	1040378
MB 460-1040379/1-A	Method Blank	Total/NA	Solid	7471B	1040379
LCSSRM 460-1040378/11-A	Lab Control Sample	Total/NA	Solid	7471B	1040378
LCSSRM 460-1040379/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	1040379
460-326691-8 MS	A2_0-5_20250520	Total/NA	Solid	7471B	1040378
460-327049-A-15-F MS	Matrix Spike	Total/NA	Solid	7471B	1040379
460-327049-A-15-G MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	1040379
460-326691-8 DU	A2_0-5_20250520	Total/NA	Solid	7471B	1040378
460-327049-A-15-E DU	Duplicate	Total/NA	Solid	7471B	1040379

Prep Batch: 1040495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	TCLP	Solid	7470A	1040059
460-326806-2	B4_5-10_20250522	TCLP	Solid	7470A	1040059
460-326806-3	B4_10-15_20250522	TCLP	Solid	7470A	1040059
460-326806-4	B4_15-20_20250522	TCLP	Solid	7470A	1040059
460-326806-5	B1-B2_20-25_20250522	TCLP	Solid	7470A	1040059

Metals (Continued)

Prep Batch: 1040495 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-1040059/1-F	Method Blank	TCLP	Solid	7470A	1040059
MB 460-1040495/13-A	Method Blank	Total/NA	Solid	7470A	
LCS 460-1040495/14-A	Lab Control Sample	Total/NA	Solid	7470A	
460-326739-K-1-I MS	Matrix Spike	TCLP	Solid	7470A	1040059
460-326739-K-1-H DU	Duplicate	TCLP	Solid	7470A	1040059

Analysis Batch: 1040602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	TCLP	Solid	7470A	1040495
460-326806-2	B4_5-10_20250522	TCLP	Solid	7470A	1040495
460-326806-3	B4_10-15_20250522	TCLP	Solid	7470A	1040495
460-326806-4	B4_15-20_20250522	TCLP	Solid	7470A	1040495
460-326806-5	B1-B2_20-25_20250522	TCLP	Solid	7470A	1040495
LB 460-1040059/1-F	Method Blank	TCLP	Solid	7470A	1040495
MB 460-1040495/13-A	Method Blank	Total/NA	Solid	7470A	1040495
LCS 460-1040495/14-A	Lab Control Sample	Total/NA	Solid	7470A	1040495
460-326739-K-1-I MS	Matrix Spike	TCLP	Solid	7470A	1040495
460-326739-K-1-H DU	Duplicate	TCLP	Solid	7470A	1040495

Prep Batch: 1040634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	3050B	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	3050B	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	3050B	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	3050B	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	3050B	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	3050B	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	3050B	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	3050B	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	3050B	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	3050B	
MB 460-1040634/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1040634/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-325348-A-2-H MS	Matrix Spike	Total/NA	Solid	3050B	
460-325348-A-2-H MS ^2	Matrix Spike	Total/NA	Solid	3050B	
460-325348-A-2-G DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 1040636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	3050B	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	3050B	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	3050B	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	3050B	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	3050B	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	3050B	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	3050B	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	3050B	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	3050B	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	3050B	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	3050B	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 1040636 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1040636/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1040636/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-327049-A-15-J MS	Matrix Spike	Total/NA	Solid	3050B	
460-327049-A-15-K MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
460-327049-A-15-I DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 1040654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	3050B	
MB 460-1040654/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1040654/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-327094-A-4-D MS	Matrix Spike	Total/NA	Solid	3050B	
460-327094-A-4-C DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1040770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	6020B	1040636
460-326877-2	A4_5-10_20250521	Total/NA	Solid	6020B	1040636
460-326877-5	B3_0-5_20250521	Total/NA	Solid	6020B	1040654
460-326877-6	B3_10-15_20250521	Total/NA	Solid	6020B	1040636
460-326877-7	B3_15-20_20250521	Total/NA	Solid	6020B	1040636
460-326877-8	B3_5-10_20250521	Total/NA	Solid	6020B	1040636
460-327048-1	A1_0-5_20250519	Total/NA	Solid	6020B	1040636
460-327048-2	A1_5-10_20250519	Total/NA	Solid	6020B	1040636
460-327048-3	A1_10-15_20250519	Total/NA	Solid	6020B	1040636
460-327048-7	B1_0-5_20250519	Total/NA	Solid	6020B	1040636
460-327048-8	B1_5-10_20250519	Total/NA	Solid	6020B	1040636
460-327048-9	B1_10-15_20250519	Total/NA	Solid	6020B	1040636
460-327048-10	B1_15-20_20250519	Total/NA	Solid	6020B	1040636
MB 460-1040636/1-A	Method Blank	Total/NA	Solid	6020B	1040636
MB 460-1040654/1-A	Method Blank	Total/NA	Solid	6020B	1040654
LCSSRM 460-1040636/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1040636
LCSSRM 460-1040654/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1040654
460-327049-A-15-J MS	Matrix Spike	Total/NA	Solid	6020B	1040636
460-327049-A-15-K MSD	Matrix Spike Duplicate	Total/NA	Solid	6020B	1040636
460-327094-A-4-D MS	Matrix Spike	Total/NA	Solid	6020B	1040654
460-327049-A-15-I DU	Duplicate	Total/NA	Solid	6020B	1040636
460-327094-A-4-C DU	Duplicate	Total/NA	Solid	6020B	1040654

Analysis Batch: 1040785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	6020B	1040634
460-326691-2	B2_5-10_20250520	Total/NA	Solid	6020B	1040634
460-326691-3	B2_10-15_20250520	Total/NA	Solid	6020B	1040634
460-326691-4	B2_15-20_20250520	Total/NA	Solid	6020B	1040634
460-326691-8	A2_0-5_20250520	Total/NA	Solid	6020B	1040634
460-326691-9	A2_5-10_20250520	Total/NA	Solid	6020B	1040634
460-326691-10	A2_10-15_20250520	Total/NA	Solid	6020B	1040634
460-326691-14	A3_0-5_20250520	Total/NA	Solid	6020B	1040634
460-326691-15	A3_5-10_20250520	Total/NA	Solid	6020B	1040634
460-326691-16	A3_10-15_20250520	Total/NA	Solid	6020B	1040634

Metals (Continued)

Analysis Batch: 1040785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-16	A3_10-15_20250520	Total/NA	Solid	6020B	1040634
MB 460-1040634/1-A	Method Blank	Total/NA	Solid	6020B	1040634
LCSSRM 460-1040634/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1040634
460-325348-A-2-H MS	Matrix Spike	Total/NA	Solid	6020B	1040634
460-325348-A-2-H MS ^2	Matrix Spike	Total/NA	Solid	6020B	1040634
460-325348-A-2-G DU	Duplicate	Total/NA	Solid	6020B	1040634

Leach Batch: 1040849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	TCLP	Solid	1311	
460-326691-2	B2_5-10_20250520	TCLP	Solid	1311	
460-326691-3	B2_10-15_20250520	TCLP	Solid	1311	
460-326691-4	B2_15-20_20250520	TCLP	Solid	1311	
460-326691-8	A2_0-5_20250520	TCLP	Solid	1311	
460-326691-9	A2_5-10_20250520	TCLP	Solid	1311	
460-326691-10	A2_10-15_20250520	TCLP	Solid	1311	
460-326691-14	A3_0-5_20250520	TCLP	Solid	1311	
460-326691-15	A3_5-10_20250520	TCLP	Solid	1311	
460-326691-16	A3_10-15_20250520	TCLP	Solid	1311	
LB 460-1040849/1-B ^10	Method Blank	TCLP	Solid	1311	
LB 460-1040849/1-G	Method Blank	TCLP	Solid	1311	
460-326691-2 MS	B2_5-10_20250520	TCLP	Solid	1311	
460-326691-2 DU	B2_5-10_20250520	TCLP	Solid	1311	

Leach Batch: 1040850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	TCLP	Solid	1311	
460-326877-2	A4_5-10_20250521	TCLP	Solid	1311	
460-326877-6	B3_10-15_20250521	TCLP	Solid	1311	
460-326877-7	B3_15-20_20250521	TCLP	Solid	1311	
460-326877-8	B3_5-10_20250521	TCLP	Solid	1311	
LB 460-1040850/1-B ^10	Method Blank	TCLP	Solid	1311	
LB 460-1040850/1-F	Method Blank	TCLP	Solid	1311	
LB 460-1040850/1-H	Method Blank	TCLP	Solid	1311	
460-326870-A-2-G MS	Matrix Spike	TCLP	Solid	1311	
460-326877-6 MS	B3_10-15_20250521	TCLP	Solid	1311	
460-326870-A-2-F DU	Duplicate	TCLP	Solid	1311	
460-326877-6 DU	B3_10-15_20250521	TCLP	Solid	1311	

Prep Batch: 1040870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	7471B	
MB 460-1040870/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1040870/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-326814-E-1-J MS	Matrix Spike	Total/NA	Solid	7471B	
460-326814-E-1-I DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1040960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	7471B	1040870
MB 460-1040870/1-A	Method Blank	Total/NA	Solid	7471B	1040870

Metals (Continued)

Analysis Batch: 1040960 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 460-1040870/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	1040870
460-326814-E-1-J MS	Matrix Spike	Total/NA	Solid	7471B	1040870
460-326814-E-1-I DU	Duplicate	Total/NA	Solid	7471B	1040870

Prep Batch: 1040974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	TCLP	Solid	3010A	1040849
460-326691-2	B2_5-10_20250520	TCLP	Solid	3010A	1040849
460-326691-3	B2_10-15_20250520	TCLP	Solid	3010A	1040849
460-326691-4	B2_15-20_20250520	TCLP	Solid	3010A	1040849
460-326691-8	A2_0-5_20250520	TCLP	Solid	3010A	1040849
460-326691-9	A2_5-10_20250520	TCLP	Solid	3010A	1040849
460-326691-10	A2_10-15_20250520	TCLP	Solid	3010A	1040849
460-326691-14	A3_0-5_20250520	TCLP	Solid	3010A	1040849
460-326691-15	A3_5-10_20250520	TCLP	Solid	3010A	1040849
460-326691-16	A3_10-15_20250520	TCLP	Solid	3010A	1040849
460-326877-1	A4_0-5_20250521	TCLP	Solid	3010A	1040850
460-326877-2	A4_5-10_20250521	TCLP	Solid	3010A	1040850
460-326877-6	B3_10-15_20250521	TCLP	Solid	3010A	1040850
460-326877-7	B3_15-20_20250521	TCLP	Solid	3010A	1040850
460-326877-8	B3_5-10_20250521	TCLP	Solid	3010A	1040850
LB 460-1040849/1-B ^10	Method Blank	TCLP	Solid	3010A	1040849
LB 460-1040850/1-B ^10	Method Blank	TCLP	Solid	3010A	1040850
MB 460-1040974/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 460-1040974/2-A ^10	Lab Control Sample	Total/NA	Solid	3010A	
460-326877-6 MS	B3_10-15_20250521	TCLP	Solid	3010A	1040850
460-326877-6 DU	B3_10-15_20250521	TCLP	Solid	3010A	1040850

Analysis Batch: 1041049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	TCLP	Solid	6020B	1040974
460-326691-2	B2_5-10_20250520	TCLP	Solid	6020B	1040974
460-326691-3	B2_10-15_20250520	TCLP	Solid	6020B	1040974
460-326691-4	B2_15-20_20250520	TCLP	Solid	6020B	1040974
460-326691-8	A2_0-5_20250520	TCLP	Solid	6020B	1040974
460-326691-9	A2_5-10_20250520	TCLP	Solid	6020B	1040974
460-326691-10	A2_10-15_20250520	TCLP	Solid	6020B	1040974
460-326691-14	A3_0-5_20250520	TCLP	Solid	6020B	1040974
460-326691-15	A3_5-10_20250520	TCLP	Solid	6020B	1040974
460-326691-16	A3_10-15_20250520	TCLP	Solid	6020B	1040974
460-326877-1	A4_0-5_20250521	TCLP	Solid	6020B	1040974
460-326877-2	A4_5-10_20250521	TCLP	Solid	6020B	1040974
460-326877-6	B3_10-15_20250521	TCLP	Solid	6020B	1040974
460-326877-7	B3_15-20_20250521	TCLP	Solid	6020B	1040974
460-326877-8	B3_5-10_20250521	TCLP	Solid	6020B	1040974
LB 460-1040849/1-B ^10	Method Blank	TCLP	Solid	6020B	1040974
LB 460-1040850/1-B ^10	Method Blank	TCLP	Solid	6020B	1040974
MB 460-1040974/1-A	Method Blank	Total/NA	Solid	6020B	1040974
460-326877-6 MS	B3_10-15_20250521	TCLP	Solid	6020B	1040974
460-326877-6 DU	B3_10-15_20250521	TCLP	Solid	6020B	1040974

Metals

Leach Batch: 1041054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	TCLP	Solid	1311	
460-327048-1	A1_0-5_20250519	TCLP	Solid	1311	
460-327048-2	A1_5-10_20250519	TCLP	Solid	1311	
460-327048-3	A1_10-15_20250519	TCLP	Solid	1311	
460-327048-7	B1_0-5_20250519	TCLP	Solid	1311	
460-327048-8	B1_5-10_20250519	TCLP	Solid	1311	
460-327048-9	B1_10-15_20250519	TCLP	Solid	1311	
460-327048-10	B1_15-20_20250519	TCLP	Solid	1311	
LB 460-1041054/1-B	Method Blank	TCLP	Solid	1311	
LB 460-1041054/1-C	Method Blank	TCLP	Solid	1311	
LB 460-1041054/1-D	Method Blank	TCLP	Solid	1311	
460-327048-8 MS	B1_5-10_20250519	TCLP	Solid	1311	
460-327048-8 DU	B1_5-10_20250519	TCLP	Solid	1311	

Prep Batch: 1041190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	TCLP	Solid	7470A	1040849
460-326691-2	B2_5-10_20250520	TCLP	Solid	7470A	1040849
460-326691-3	B2_10-15_20250520	TCLP	Solid	7470A	1040849
460-326691-4	B2_15-20_20250520	TCLP	Solid	7470A	1040849
460-326691-8	A2_0-5_20250520	TCLP	Solid	7470A	1040849
460-326691-9	A2_5-10_20250520	TCLP	Solid	7470A	1040849
460-326691-10	A2_10-15_20250520	TCLP	Solid	7470A	1040849
460-326691-14	A3_0-5_20250520	TCLP	Solid	7470A	1040849
460-326691-15	A3_5-10_20250520	TCLP	Solid	7470A	1040849
460-326691-16	A3_10-15_20250520	TCLP	Solid	7470A	1040849
460-326877-1	A4_0-5_20250521	TCLP	Solid	7470A	1040850
460-326877-2	A4_5-10_20250521	TCLP	Solid	7470A	1040850
460-326877-5	B3_0-5_20250521	TCLP	Solid	7470A	1041054
460-326877-6	B3_10-15_20250521	TCLP	Solid	7470A	1040850
460-326877-7	B3_15-20_20250521	TCLP	Solid	7470A	1040850
460-326877-8	B3_5-10_20250521	TCLP	Solid	7470A	1040850
LB 460-1040849/1-G	Method Blank	TCLP	Solid	7470A	1040849
LB 460-1040850/1-F	Method Blank	TCLP	Solid	7470A	1040850
LB 460-1041054/1-B	Method Blank	TCLP	Solid	7470A	1041054
MB 460-1041190/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 460-1041190/2-A	Lab Control Sample	Total/NA	Solid	7470A	
460-326691-2 MS	B2_5-10_20250520	TCLP	Solid	7470A	1040849
460-326691-2 DU	B2_5-10_20250520	TCLP	Solid	7470A	1040849

Prep Batch: 1041213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	TCLP	Solid	3010A	1041054
460-327048-1	A1_0-5_20250519	TCLP	Solid	3010A	1041054
460-327048-2	A1_5-10_20250519	TCLP	Solid	3010A	1041054
460-327048-3	A1_10-15_20250519	TCLP	Solid	3010A	1041054
460-327048-7	B1_0-5_20250519	TCLP	Solid	3010A	1041054
460-327048-8	B1_5-10_20250519	TCLP	Solid	3010A	1041054
460-327048-9	B1_10-15_20250519	TCLP	Solid	3010A	1041054
460-327048-10	B1_15-20_20250519	TCLP	Solid	3010A	1041054
LB 460-1041054/1-C	Method Blank	TCLP	Solid	3010A	1041054

Metals (Continued)

Prep Batch: 1041213 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1041213/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 460-1041213/2-A ^10	Lab Control Sample	Total/NA	Solid	3010A	
460-327048-8 MS	B1_5-10_20250519	TCLP	Solid	3010A	1041054
460-327048-8 DU	B1_5-10_20250519	TCLP	Solid	3010A	1041054

Analysis Batch: 1041280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	TCLP	Solid	7470A	1041190
460-326691-2	B2_5-10_20250520	TCLP	Solid	7470A	1041190
460-326691-3	B2_10-15_20250520	TCLP	Solid	7470A	1041190
460-326691-4	B2_15-20_20250520	TCLP	Solid	7470A	1041190
460-326691-8	A2_0-5_20250520	TCLP	Solid	7470A	1041190
460-326691-9	A2_5-10_20250520	TCLP	Solid	7470A	1041190
460-326691-10	A2_10-15_20250520	TCLP	Solid	7470A	1041190
460-326691-14	A3_0-5_20250520	TCLP	Solid	7470A	1041190
460-326691-15	A3_5-10_20250520	TCLP	Solid	7470A	1041190
460-326691-16	A3_10-15_20250520	TCLP	Solid	7470A	1041190
460-326877-1	A4_0-5_20250521	TCLP	Solid	7470A	1041190
460-326877-2	A4_5-10_20250521	TCLP	Solid	7470A	1041190
460-326877-5	B3_0-5_20250521	TCLP	Solid	7470A	1041190
460-326877-6	B3_10-15_20250521	TCLP	Solid	7470A	1041190
460-326877-7	B3_15-20_20250521	TCLP	Solid	7470A	1041190
460-326877-8	B3_5-10_20250521	TCLP	Solid	7470A	1041190
LB 460-1040849/1-G	Method Blank	TCLP	Solid	7470A	1041190
LB 460-1040850/1-F	Method Blank	TCLP	Solid	7470A	1041190
LB 460-1041054/1-B	Method Blank	TCLP	Solid	7470A	1041190
MB 460-1041190/1-A	Method Blank	Total/NA	Solid	7470A	1041190
LCS 460-1041190/2-A	Lab Control Sample	Total/NA	Solid	7470A	1041190
460-326691-2 MS	B2_5-10_20250520	TCLP	Solid	7470A	1041190
460-326691-2 DU	B2_5-10_20250520	TCLP	Solid	7470A	1041190

Prep Batch: 1041430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-1	A1_0-5_20250519	TCLP	Solid	7470A	1041054
460-327048-2	A1_5-10_20250519	TCLP	Solid	7470A	1041054
460-327048-3	A1_10-15_20250519	TCLP	Solid	7470A	1041054
460-327048-7	B1_0-5_20250519	TCLP	Solid	7470A	1041054
460-327048-8	B1_5-10_20250519	TCLP	Solid	7470A	1041054
460-327048-9	B1_10-15_20250519	TCLP	Solid	7470A	1041054
460-327048-10	B1_15-20_20250519	TCLP	Solid	7470A	1041054
LB 460-1040850/1-H	Method Blank	TCLP	Solid	7470A	1040850
LB 460-1041054/1-D	Method Blank	TCLP	Solid	7470A	1041054
MB 460-1041430/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 460-1041430/2-A	Lab Control Sample	Total/NA	Solid	7470A	
460-326870-A-2-G MS	Matrix Spike	TCLP	Solid	7470A	1040850
460-326870-A-2-F DU	Duplicate	TCLP	Solid	7470A	1040850

Analysis Batch: 1041475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	TCLP	Solid	6020B	1041213
460-327048-1	A1_0-5_20250519	TCLP	Solid	6020B	1041213

Metals (Continued)

Analysis Batch: 1041475 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-2	A1_5-10_20250519	TCLP	Solid	6020B	1041213
460-327048-3	A1_10-15_20250519	TCLP	Solid	6020B	1041213
460-327048-7	B1_0-5_20250519	TCLP	Solid	6020B	1041213
460-327048-8	B1_5-10_20250519	TCLP	Solid	6020B	1041213
460-327048-9	B1_10-15_20250519	TCLP	Solid	6020B	1041213
460-327048-10	B1_15-20_20250519	TCLP	Solid	6020B	1041213
LB 460-1041054/1-C	Method Blank	TCLP	Solid	6020B	1041213
MB 460-1041213/1-A	Method Blank	Total/NA	Solid	6020B	1041213
LCS 460-1040974/2-A ^10	Lab Control Sample	Total/NA	Solid	6020B	1040974
LCS 460-1041213/2-A ^10	Lab Control Sample	Total/NA	Solid	6020B	1041213
460-327048-8 MS	B1_5-10_20250519	TCLP	Solid	6020B	1041213
460-327048-8 DU	B1_5-10_20250519	TCLP	Solid	6020B	1041213

Analysis Batch: 1041508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-1	A1_0-5_20250519	TCLP	Solid	7470A	1041430
460-327048-2	A1_5-10_20250519	TCLP	Solid	7470A	1041430
460-327048-3	A1_10-15_20250519	TCLP	Solid	7470A	1041430
460-327048-7	B1_0-5_20250519	TCLP	Solid	7470A	1041430
460-327048-8	B1_5-10_20250519	TCLP	Solid	7470A	1041430
460-327048-9	B1_10-15_20250519	TCLP	Solid	7470A	1041430
460-327048-10	B1_15-20_20250519	TCLP	Solid	7470A	1041430
LB 460-1040850/1-H	Method Blank	TCLP	Solid	7470A	1041430
LB 460-1041054/1-D	Method Blank	TCLP	Solid	7470A	1041430
MB 460-1041430/1-A	Method Blank	Total/NA	Solid	7470A	1041430
LCS 460-1041430/2-A	Lab Control Sample	Total/NA	Solid	7470A	1041430
460-326870-A-2-G MS	Matrix Spike	TCLP	Solid	7470A	1041430
460-326870-A-2-F DU	Duplicate	TCLP	Solid	7470A	1041430

General Chemistry

Analysis Batch: 1039517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-6	B4-1B_3-5_20250522	Total/NA	Solid	Moisture	
460-326806-7	B4-1B_8-10_20250522	Total/NA	Solid	Moisture	
460-326806-8	B4-4_13-15_20250522	Total/NA	Solid	Moisture	
460-326806-9	B4-4_15-17_20250522	Total/NA	Solid	Moisture	
460-326806-10	B1-4_20-22_20250522	Total/NA	Solid	Moisture	
460-326756-A-18 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-326756-A-18 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-326785-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1039814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	Moisture	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	Moisture	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	Moisture	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	Moisture	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	Moisture	
460-326772-A-5 DU	Duplicate	Total/NA	Solid	Moisture	

General Chemistry

Analysis Batch: 1040031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	1030	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	1030	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	1030	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	1030	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	1030	
460-326661-D-1 DU	Duplicate	Total/NA	Solid	1030	

Analysis Batch: 1040274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	9045D	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	9045D	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	9045D	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	9045D	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	9045D	
LCSSRM 460-1040274/2	Lab Control Sample	Total/NA	Solid	9045D	
460-326784-A-1 DU	Duplicate	Total/NA	Solid	9045D	

Prep Batch: 1040296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	7.3.4	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	7.3.4	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	7.3.4	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	7.3.4	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	7.3.4	
MB 460-1040296/1-A	Method Blank	Total/NA	Solid	7.3.4	
MB 460-1040296/26-A	Method Blank	Total/NA	Solid	7.3.4	
LCS 460-1040296/28-A	Lab Control Sample	Total/NA	Solid	7.3.4	
LCSSRM 460-1040296/3-A	Lab Control Sample	Total/NA	Solid	7.3.4	
460-326806-5 MS	B1-B2_20-25_20250522	Total/NA	Solid	7.3.4	
460-326806-5 MSD	B1-B2_20-25_20250522	Total/NA	Solid	7.3.4	

Prep Batch: 1040298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	7.3.3	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	7.3.3	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	7.3.3	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	7.3.3	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	7.3.3	
MB 460-1040298/1-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 460-1040298/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
460-326806-5 DU	B1-B2_20-25_20250522	Total/NA	Solid	7.3.3	

Analysis Batch: 1040300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	9014	1040298
460-326806-2	B4_5-10_20250522	Total/NA	Solid	9014	1040298
460-326806-3	B4_10-15_20250522	Total/NA	Solid	9014	1040298
460-326806-4	B4_15-20_20250522	Total/NA	Solid	9014	1040298
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	9014	1040298
MB 460-1040298/1-A	Method Blank	Total/NA	Solid	9014	1040298
LCS 460-1040298/2-A	Lab Control Sample	Total/NA	Solid	9014	1040298

General Chemistry (Continued)

Analysis Batch: 1040300 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-5 DU	B1-B2_20-25_20250522	Total/NA	Solid	9014	1040298

Analysis Batch: 1040301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	9034	1040296
460-326806-2	B4_5-10_20250522	Total/NA	Solid	9034	1040296
460-326806-3	B4_10-15_20250522	Total/NA	Solid	9034	1040296
460-326806-4	B4_15-20_20250522	Total/NA	Solid	9034	1040296
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	9034	1040296
MB 460-1040296/1-A	Method Blank	Total/NA	Solid	9034	1040296
MB 460-1040296/26-A	Method Blank	Total/NA	Solid	9034	1040296
LCS 460-1040296/28-A	Lab Control Sample	Total/NA	Solid	9034	1040296
LCSSRM 460-1040296/3-A	Lab Control Sample	Total/NA	Solid	9034	1040296
460-326806-5 MS	B1-B2_20-25_20250522	Total/NA	Solid	9034	1040296
460-326806-5 MSD	B1-B2_20-25_20250522	Total/NA	Solid	9034	1040296

Analysis Batch: 1040350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	Moisture	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	Moisture	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	Moisture	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	Moisture	
460-326691-5	B2-2_3-5_20250520	Total/NA	Solid	Moisture	
460-326691-6	B2-2_8-10_20250520	Total/NA	Solid	Moisture	
460-326691-7	B2-2_13-15_20250520	Total/NA	Solid	Moisture	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	Moisture	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	Moisture	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	Moisture	
460-326691-11	A2-3_3-5_20250520	Total/NA	Solid	Moisture	
460-326691-12	A2-3_10-12_20250520	Total/NA	Solid	Moisture	
460-326691-13	A2-3_8-10_20250520	Total/NA	Solid	Moisture	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	Moisture	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	Moisture	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	Moisture	
460-326691-17	A3-1_3-5_20250520	Total/NA	Solid	Moisture	
460-326691-18	A3-1_8-10_20250520	Total/NA	Solid	Moisture	
460-326691-19	A3-1_13-15_20250520	Total/NA	Solid	Moisture	
460-326877-3	A4-3_3-5_20250521	Total/NA	Solid	Moisture	
460-326877-4	A4-3_8-10_20250521	Total/NA	Solid	Moisture	
460-326877-9	B3-4_3-5_20250521	Total/NA	Solid	Moisture	
460-326877-10	B3-4_6-8_20250521	Total/NA	Solid	Moisture	
460-326877-11	B3-4_13-15_20250521	Total/NA	Solid	Moisture	
460-326877-12	B3-4_16-18_20250521	Total/NA	Solid	Moisture	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	Moisture	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	Moisture	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	Moisture	
460-327048-4	A1_3-5_20250519	Total/NA	Solid	Moisture	
460-327048-5	A1_8-10_20250519	Total/NA	Solid	Moisture	
460-327048-6	A1_13-15_20250519	Total/NA	Solid	Moisture	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	Moisture	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1040350 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-9	B1_10-15_20250519	Total/NA	Solid	Moisture	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	Moisture	
460-327048-11	B1_3-5_20250519	Total/NA	Solid	Moisture	
460-327048-12	B1_5-7_20250519	Total/NA	Solid	Moisture	
460-327048-13	B1_17-19_20250519	Total/NA	Solid	Moisture	
460-327048-14	B2_17-19_20250519	Total/NA	Solid	Moisture	
460-327048-15	B1_13-15_20250519	Total/NA	Solid	Moisture	
460-327070-E-1 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-327070-E-1 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-326691-1 DU	B2_0-5_20250520	Total/NA	Solid	Moisture	
460-326691-2 DU	B2_5-10_20250520	Total/NA	Solid	Moisture	
460-326691-3 DU	B2_10-15_20250520	Total/NA	Solid	Moisture	
460-327022-B-3 DU	Duplicate	Total/NA	Solid	Moisture	

Prep Batch: 1040356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	9012B	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	9012B	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	9012B	
MB 460-1040356/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1040356/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	
460-326685-A-6-J MS	Matrix Spike	Total/NA	Solid	9012B	
460-326685-A-6-K MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	

Prep Batch: 1040450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	3060A	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	3060A	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	3060A	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	3060A	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	3060A	
MB 460-1040450/15-A	Method Blank	Total/NA	Solid	3060A	
LCSI 460-1040450/17-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSSRM 460-1040450/16-A	Lab Control Sample	Total/NA	Solid	3060A	
460-326953-E-3-T MSS	Matrix Spike	Total/NA	Solid	3060A	
460-326953-E-3-U MSI	Matrix Spike	Total/NA	Solid	3060A	
460-326953-E-3-S DU	Duplicate	Total/NA	Solid	3060A	

Analysis Batch: 1040453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	Moisture	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	Moisture	
460-326877-5	B3_0-5_20250521	Total/NA	Solid	Moisture	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	Moisture	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	Moisture	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	Moisture	
460-327049-A-20 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-327049-A-20 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-326877-7 DU	B3_15-20_20250521	Total/NA	Solid	Moisture	

QC Association Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

General Chemistry

Analysis Batch: 1040508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	7196A	1040450
460-326806-2	B4_5-10_20250522	Total/NA	Solid	7196A	1040450
460-326806-3	B4_10-15_20250522	Total/NA	Solid	7196A	1040450
460-326806-4	B4_15-20_20250522	Total/NA	Solid	7196A	1040450
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	7196A	1040450
MB 460-1040450/15-A	Method Blank	Total/NA	Solid	7196A	1040450
LCSI 460-1040450/17-A	Lab Control Sample	Total/NA	Solid	7196A	1040450
LCSSRM 460-1040450/16-A	Lab Control Sample	Total/NA	Solid	7196A	1040450
460-326953-E-3-T MSS	Matrix Spike	Total/NA	Solid	7196A	1040450
460-326953-E-3-U MSI	Matrix Spike	Total/NA	Solid	7196A	1040450
460-326953-E-3-S DU	Duplicate	Total/NA	Solid	7196A	1040450

Prep Batch: 1040517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 460-1040517/12-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 1040530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	9045D	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	9045D	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	9045D	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	9045D	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	9045D	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	9045D	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	9045D	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	9045D	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	9045D	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	9045D	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	9045D	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	9045D	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	9045D	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	9045D	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	9045D	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	9045D	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	9045D	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	9045D	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	9045D	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	9045D	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	9045D	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	9045D	
LCS 460-1040530/27	Lab Control Sample	Total/NA	Solid	9045D	
LCSSRM 460-1040530/2	Lab Control Sample	Total/NA	Solid	9045D	
460-326877-7 DU	B3_15-20_20250521	Total/NA	Solid	9045D	
460-327048-1 DU	A1_0-5_20250519	Total/NA	Solid	9045D	

Analysis Batch: 1040541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-2	A1_5-10_20250519	Total/NA	Solid	9095B	
460-327048-2 DU	A1_5-10_20250519	Total/NA	Solid	9095B	

General Chemistry

Analysis Batch: 1040549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	9012B	1040356
460-326806-2	B4_5-10_20250522	Total/NA	Solid	9012B	1040356
460-326806-3	B4_10-15_20250522	Total/NA	Solid	9012B	1040356
MB 460-1040356/1-A	Method Blank	Total/NA	Solid	9012B	1040356
LCSSRM 460-1040356/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	1040356
MRL 460-1040517/12-A	Lab Control Sample	Total/NA	Solid	9012B	1040517
460-326685-A-6-J MS	Matrix Spike	Total/NA	Solid	9012B	1040356
460-326685-A-6-K MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	1040356

Analysis Batch: 1040554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	1030	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	1030	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	1030	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	1030	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	1030	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	1030	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	1030	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	1030	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	1030	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	1030	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	1030	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	1030	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	1030	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	1030	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	1030	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	1030	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	1030	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	1030	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	1030	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	1030	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	1030	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	1030	
460-326691-1 DU	B2_0-5_20250520	Total/NA	Solid	1030	
460-326870-A-1 DU	Duplicate	Total/NA	Solid	1030	

Prep Batch: 1040600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	3060A	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	3060A	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	3060A	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	3060A	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	3060A	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	3060A	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	3060A	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	3060A	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	3060A	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	3060A	
MB 460-1040600/15-A	Method Blank	Total/NA	Solid	3060A	
LCSI 460-1040600/17-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSSRM 460-1040600/16-A	Lab Control Sample	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 1040600 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-16 MSI	A3_10-15_20250520	Total/NA	Solid	3060A	
460-326691-16 MSS	A3_10-15_20250520	Total/NA	Solid	3060A	
460-326691-16 DU	A3_10-15_20250520	Total/NA	Solid	3060A	

Prep Batch: 1040607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	7.3.4	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	7.3.4	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	7.3.4	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	7.3.4	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	7.3.4	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	7.3.4	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	7.3.4	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	7.3.4	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	7.3.4	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	7.3.4	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	7.3.4	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	7.3.4	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	7.3.4	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	7.3.4	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	7.3.4	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	7.3.4	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	7.3.4	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	7.3.4	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	7.3.4	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	7.3.4	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	7.3.4	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	7.3.4	
MB 460-1040607/1-A	Method Blank	Total/NA	Solid	7.3.4	
MB 460-1040607/26-A	Method Blank	Total/NA	Solid	7.3.4	
LCS 460-1040607/28-A	Lab Control Sample	Total/NA	Solid	7.3.4	
LCSSRM 460-1040607/3-A	Lab Control Sample	Total/NA	Solid	7.3.4	
460-326691-2 MS	B2_5-10_20250520	Total/NA	Solid	7.3.4	
460-326691-2 MSD	B2_5-10_20250520	Total/NA	Solid	7.3.4	
460-326784-A-3-Q MS	Matrix Spike	Total/NA	Solid	7.3.4	
460-326784-A-3-R MSD	Matrix Spike Duplicate	Total/NA	Solid	7.3.4	

Prep Batch: 1040610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	7.3.3	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	7.3.3	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	7.3.3	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	7.3.3	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	7.3.3	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	7.3.3	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	7.3.3	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	7.3.3	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	7.3.3	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	7.3.3	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	7.3.3	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	7.3.3	

General Chemistry (Continued)

Prep Batch: 1040610 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-6	B3_10-15_20250521	Total/NA	Solid	7.3.3	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	7.3.3	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	7.3.3	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	7.3.3	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	7.3.3	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	7.3.3	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	7.3.3	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	7.3.3	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	7.3.3	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	7.3.3	
MB 460-1040610/1-A	Method Blank	Total/NA	Solid	7.3.3	
MB 460-1040610/24-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 460-1040610/25-A	Lab Control Sample	Total/NA	Solid	7.3.3	
LCS 460-1040610/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
460-326691-2 DU	B2_5-10_20250520	Total/NA	Solid	7.3.3	
460-326784-A-3-T DU	Duplicate	Total/NA	Solid	7.3.3	

Analysis Batch: 1040615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	9014	1040610
460-326691-2	B2_5-10_20250520	Total/NA	Solid	9014	1040610
460-326691-3	B2_10-15_20250520	Total/NA	Solid	9014	1040610
460-326691-4	B2_15-20_20250520	Total/NA	Solid	9014	1040610
460-326691-8	A2_0-5_20250520	Total/NA	Solid	9014	1040610
460-326691-9	A2_5-10_20250520	Total/NA	Solid	9014	1040610
460-326691-10	A2_10-15_20250520	Total/NA	Solid	9014	1040610
460-326691-14	A3_0-5_20250520	Total/NA	Solid	9014	1040610
460-326691-15	A3_5-10_20250520	Total/NA	Solid	9014	1040610
460-326691-16	A3_10-15_20250520	Total/NA	Solid	9014	1040610
460-326877-1	A4_0-5_20250521	Total/NA	Solid	9014	1040610
460-326877-2	A4_5-10_20250521	Total/NA	Solid	9014	1040610
460-326877-6	B3_10-15_20250521	Total/NA	Solid	9014	1040610
460-326877-7	B3_15-20_20250521	Total/NA	Solid	9014	1040610
460-326877-8	B3_5-10_20250521	Total/NA	Solid	9014	1040610
460-327048-1	A1_0-5_20250519	Total/NA	Solid	9014	1040610
460-327048-2	A1_5-10_20250519	Total/NA	Solid	9014	1040610
460-327048-3	A1_10-15_20250519	Total/NA	Solid	9014	1040610
460-327048-7	B1_0-5_20250519	Total/NA	Solid	9014	1040610
460-327048-8	B1_5-10_20250519	Total/NA	Solid	9014	1040610
460-327048-9	B1_10-15_20250519	Total/NA	Solid	9014	1040610
460-327048-10	B1_15-20_20250519	Total/NA	Solid	9014	1040610
MB 460-1040610/1-A	Method Blank	Total/NA	Solid	9014	1040610
MB 460-1040610/24-A	Method Blank	Total/NA	Solid	9014	1040610
LCS 460-1040610/25-A	Lab Control Sample	Total/NA	Solid	9014	1040610
LCS 460-1040610/2-A	Lab Control Sample	Total/NA	Solid	9014	1040610
460-326691-2 DU	B2_5-10_20250520	Total/NA	Solid	9014	1040610
460-326784-A-3-T DU	Duplicate	Total/NA	Solid	9014	1040610

Analysis Batch: 1040617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	9034	1040607

General Chemistry (Continued)

Analysis Batch: 1040617 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-2	B2_5-10_20250520	Total/NA	Solid	9034	1040607
460-326691-3	B2_10-15_20250520	Total/NA	Solid	9034	1040607
460-326691-4	B2_15-20_20250520	Total/NA	Solid	9034	1040607
460-326691-8	A2_0-5_20250520	Total/NA	Solid	9034	1040607
460-326691-9	A2_5-10_20250520	Total/NA	Solid	9034	1040607
460-326691-10	A2_10-15_20250520	Total/NA	Solid	9034	1040607
460-326691-14	A3_0-5_20250520	Total/NA	Solid	9034	1040607
460-326691-15	A3_5-10_20250520	Total/NA	Solid	9034	1040607
460-326691-16	A3_10-15_20250520	Total/NA	Solid	9034	1040607
460-326877-1	A4_0-5_20250521	Total/NA	Solid	9034	1040607
460-326877-2	A4_5-10_20250521	Total/NA	Solid	9034	1040607
460-326877-6	B3_10-15_20250521	Total/NA	Solid	9034	1040607
460-326877-7	B3_15-20_20250521	Total/NA	Solid	9034	1040607
460-326877-8	B3_5-10_20250521	Total/NA	Solid	9034	1040607
460-327048-1	A1_0-5_20250519	Total/NA	Solid	9034	1040607
460-327048-2	A1_5-10_20250519	Total/NA	Solid	9034	1040607
460-327048-3	A1_10-15_20250519	Total/NA	Solid	9034	1040607
460-327048-7	B1_0-5_20250519	Total/NA	Solid	9034	1040607
460-327048-8	B1_5-10_20250519	Total/NA	Solid	9034	1040607
460-327048-9	B1_10-15_20250519	Total/NA	Solid	9034	1040607
460-327048-10	B1_15-20_20250519	Total/NA	Solid	9034	1040607
MB 460-1040607/1-A	Method Blank	Total/NA	Solid	9034	1040607
MB 460-1040607/26-A	Method Blank	Total/NA	Solid	9034	1040607
LCS 460-1040607/28-A	Lab Control Sample	Total/NA	Solid	9034	1040607
LCSSRM 460-1040607/3-A	Lab Control Sample	Total/NA	Solid	9034	1040607
460-326691-2 MS	B2_5-10_20250520	Total/NA	Solid	9034	1040607
460-326691-2 MSD	B2_5-10_20250520	Total/NA	Solid	9034	1040607
460-326784-A-3-Q MS	Matrix Spike	Total/NA	Solid	9034	1040607
460-326784-A-3-R MSD	Matrix Spike Duplicate	Total/NA	Solid	9034	1040607

Prep Batch: 1040629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-1	A1_0-5_20250519	Total/NA	Solid	9012B	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	9012B	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	9012B	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	9012B	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	9012B	
MB 460-1040629/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1040629/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	
MRL 460-1040629/38-A	Lab Control Sample	Total/NA	Solid	9012B	
200-78069-B-15-D MS	Matrix Spike	Total/NA	Solid	9012B	
200-78069-B-15-E MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	

Prep Batch: 1040633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	9012B	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	9012B	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	9012B	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	9012B	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	9012B	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	9012B	

General Chemistry (Continued)

Prep Batch: 1040633 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1040633/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1040633/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	
460-326877-1 MS	A4_0-5_20250521	Total/NA	Solid	9012B	
460-326877-1 MSD	A4_0-5_20250521	Total/NA	Solid	9012B	

Prep Batch: 1040635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	9012B	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	9012B	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	9012B	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	9012B	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	9012B	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	9012B	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	9012B	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	9012B	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	9012B	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	9012B	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	9012B	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	9012B	
460-326877-5	B3_0-5_20250521	Total/NA	Solid	9012B	
MB 460-1040635/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1040635/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	
460-326691-1 MS	B2_0-5_20250520	Total/NA	Solid	9012B	
460-326691-1 MSD	B2_0-5_20250520	Total/NA	Solid	9012B	
460-326813-E-1-Q MS	Matrix Spike	Total/NA	Solid	9012B	
460-326813-E-1-R MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	

Analysis Batch: 1040730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	7196A	1040600
460-326691-2	B2_5-10_20250520	Total/NA	Solid	7196A	1040600
460-326691-3	B2_10-15_20250520	Total/NA	Solid	7196A	1040600
460-326691-4	B2_15-20_20250520	Total/NA	Solid	7196A	1040600
460-326691-8	A2_0-5_20250520	Total/NA	Solid	7196A	1040600
460-326691-9	A2_5-10_20250520	Total/NA	Solid	7196A	1040600
460-326691-10	A2_10-15_20250520	Total/NA	Solid	7196A	1040600
460-326691-14	A3_0-5_20250520	Total/NA	Solid	7196A	1040600
460-326691-15	A3_5-10_20250520	Total/NA	Solid	7196A	1040600
460-326691-16	A3_10-15_20250520	Total/NA	Solid	7196A	1040600
MB 460-1040600/15-A	Method Blank	Total/NA	Solid	7196A	1040600
LCSI 460-1040600/17-A	Lab Control Sample	Total/NA	Solid	7196A	1040600
LCSSRM 460-1040600/16-A	Lab Control Sample	Total/NA	Solid	7196A	1040600
460-326691-16 MSI	A3_10-15_20250520	Total/NA	Solid	7196A	1040600
460-326691-16 MSS	A3_10-15_20250520	Total/NA	Solid	7196A	1040600
460-326691-16 DU	A3_10-15_20250520	Total/NA	Solid	7196A	1040600

Prep Batch: 1040756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	3060A	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	3060A	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 1040756 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-7	B3_15-20_20250521	Total/NA	Solid	3060A	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	3060A	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	3060A	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	3060A	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	3060A	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	3060A	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	3060A	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	3060A	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	3060A	
MB 460-1040756/15-A	Method Blank	Total/NA	Solid	3060A	
LCSI 460-1040756/17-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSSRM 460-1040756/16-A	Lab Control Sample	Total/NA	Solid	3060A	
460-327048-2 MSI	A1_5-10_20250519	Total/NA	Solid	3060A	
460-327048-2 MSS	A1_5-10_20250519	Total/NA	Solid	3060A	
460-327048-2 DU	A1_5-10_20250519	Total/NA	Solid	3060A	

Analysis Batch: 1040866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	9012B	1040635
460-326691-2	B2_5-10_20250520	Total/NA	Solid	9012B	1040635
460-326691-3	B2_10-15_20250520	Total/NA	Solid	9012B	1040635
460-326691-4	B2_15-20_20250520	Total/NA	Solid	9012B	1040635
460-326691-8	A2_0-5_20250520	Total/NA	Solid	9012B	1040635
460-326691-9	A2_5-10_20250520	Total/NA	Solid	9012B	1040635
460-326691-10	A2_10-15_20250520	Total/NA	Solid	9012B	1040635
460-326691-14	A3_0-5_20250520	Total/NA	Solid	9012B	1040635
460-326691-15	A3_5-10_20250520	Total/NA	Solid	9012B	1040635
460-326691-16	A3_10-15_20250520	Total/NA	Solid	9012B	1040635
460-326806-4	B4_15-20_20250522	Total/NA	Solid	9012B	1040635
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	9012B	1040635
460-326877-1	A4_0-5_20250521	Total/NA	Solid	9012B	1040633
460-326877-2	A4_5-10_20250521	Total/NA	Solid	9012B	1040633
460-326877-5	B3_0-5_20250521	Total/NA	Solid	9012B	1040635
460-326877-6	B3_10-15_20250521	Total/NA	Solid	9012B	1040633
460-326877-7	B3_15-20_20250521	Total/NA	Solid	9012B	1040633
460-326877-8	B3_5-10_20250521	Total/NA	Solid	9012B	1040633
460-327048-1	A1_0-5_20250519	Total/NA	Solid	9012B	1040629
460-327048-2	A1_5-10_20250519	Total/NA	Solid	9012B	1040629
460-327048-3	A1_10-15_20250519	Total/NA	Solid	9012B	1040629
460-327048-7	B1_0-5_20250519	Total/NA	Solid	9012B	1040629
460-327048-8	B1_5-10_20250519	Total/NA	Solid	9012B	1040629
460-327048-10	B1_15-20_20250519	Total/NA	Solid	9012B	1040633
MB 460-1040629/1-A	Method Blank	Total/NA	Solid	9012B	1040629
MB 460-1040633/1-A	Method Blank	Total/NA	Solid	9012B	1040633
MB 460-1040635/1-A	Method Blank	Total/NA	Solid	9012B	1040635
LCSSRM 460-1040629/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	1040629
LCSSRM 460-1040633/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	1040633
LCSSRM 460-1040635/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	1040635
MRL 460-1040629/38-A	Lab Control Sample	Total/NA	Solid	9012B	1040629
200-78069-B-15-D MS	Matrix Spike	Total/NA	Solid	9012B	1040629
200-78069-B-15-E MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	1040629

General Chemistry (Continued)

Analysis Batch: 1040866 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1 MS	B2_0-5_20250520	Total/NA	Solid	9012B	1040635
460-326691-1 MSD	B2_0-5_20250520	Total/NA	Solid	9012B	1040635
460-326813-E-1-Q MS	Matrix Spike	Total/NA	Solid	9012B	1040635
460-326813-E-1-R MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	1040635
460-326877-1 MS	A4_0-5_20250521	Total/NA	Solid	9012B	1040633
460-326877-1 MSD	A4_0-5_20250521	Total/NA	Solid	9012B	1040633

Analysis Batch: 1040950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	7196A	1040756
460-326877-2	A4_5-10_20250521	Total/NA	Solid	7196A	1040756
460-326877-6	B3_10-15_20250521	Total/NA	Solid	7196A	1040756
460-326877-7	B3_15-20_20250521	Total/NA	Solid	7196A	1040756
460-326877-8	B3_5-10_20250521	Total/NA	Solid	7196A	1040756
460-327048-1	A1_0-5_20250519	Total/NA	Solid	7196A	1040756
460-327048-2	A1_5-10_20250519	Total/NA	Solid	7196A	1040756
460-327048-3	A1_10-15_20250519	Total/NA	Solid	7196A	1040756
460-327048-7	B1_0-5_20250519	Total/NA	Solid	7196A	1040756
460-327048-8	B1_5-10_20250519	Total/NA	Solid	7196A	1040756
460-327048-9	B1_10-15_20250519	Total/NA	Solid	7196A	1040756
460-327048-10	B1_15-20_20250519	Total/NA	Solid	7196A	1040756
MB 460-1040756/15-A	Method Blank	Total/NA	Solid	7196A	1040756
LCSI 460-1040756/17-A	Lab Control Sample	Total/NA	Solid	7196A	1040756
LCSSRM 460-1040756/16-A	Lab Control Sample	Total/NA	Solid	7196A	1040756
460-327048-2 MSI	A1_5-10_20250519	Total/NA	Solid	7196A	1040756
460-327048-2 MSS	A1_5-10_20250519	Total/NA	Solid	7196A	1040756
460-327048-2 DU	A1_5-10_20250519	Total/NA	Solid	7196A	1040756

Prep Batch: 1040993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	7.3.4	
MB 460-1040993/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCSSRM 460-1040993/3-A	Lab Control Sample	Total/NA	Solid	7.3.4	
460-326840-A-2-I MS	Matrix Spike	Total/NA	Solid	7.3.4	
460-326840-A-2-J MSD	Matrix Spike Duplicate	Total/NA	Solid	7.3.4	

Prep Batch: 1040995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	7.3.3	
MB 460-1040995/1-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 460-1040995/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
460-326840-A-2-L DU	Duplicate	Total/NA	Solid	7.3.3	

Analysis Batch: 1040996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	9014	1040995
MB 460-1040995/1-A	Method Blank	Total/NA	Solid	9014	1040995
LCS 460-1040995/2-A	Lab Control Sample	Total/NA	Solid	9014	1040995
460-326840-A-2-L DU	Duplicate	Total/NA	Solid	9014	1040995

General Chemistry

Analysis Batch: 1041000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	9034	1040993
MB 460-1040993/1-A	Method Blank	Total/NA	Solid	9034	1040993
LCSSRM 460-1040993/3-A	Lab Control Sample	Total/NA	Solid	9034	1040993
460-326840-A-2-I MS	Matrix Spike	Total/NA	Solid	9034	1040993
460-326840-A-2-J MSD	Matrix Spike Duplicate	Total/NA	Solid	9034	1040993

Analysis Batch: 1041013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	9045D	
LCSSRM 460-1041013/2	Lab Control Sample	Total/NA	Solid	9045D	
460-327051-A-2 DU	Duplicate	Total/NA	Solid	9045D	

Prep Batch: 1041015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 460-1041015/38-A	Lab Control Sample	Total/NA	Solid	9012B	

Prep Batch: 1041029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-9	B1_10-15_20250519	Total/NA	Solid	9012B	
MB 460-1041029/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1041029/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	
460-327195-A-1-H MS	Matrix Spike	Total/NA	Solid	9012B	
460-327195-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	

Analysis Batch: 1041079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-9	B1_10-15_20250519	Total/NA	Solid	9012B	1041029
MB 460-1041029/1-A	Method Blank	Total/NA	Solid	9012B	1041029
LCSSRM 460-1041029/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	1041029
MRL 460-1041015/38-A	Lab Control Sample	Total/NA	Solid	9012B	1041015
460-327195-A-1-H MS	Matrix Spike	Total/NA	Solid	9012B	1041029
460-327195-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	1041029

Prep Batch: 1041206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	3060A	
MB 460-1041206/15-B	Method Blank	Total/NA	Solid	3060A	
LCSI 460-1041206/17-A	Lab Control Sample	Total/NA	Solid	3060A	
460-326450-A-2-F MSS	Matrix Spike	Total/NA	Solid	3060A	
460-326450-A-2-G MSI	Matrix Spike	Total/NA	Solid	3060A	
460-326450-A-2-E DU	Duplicate	Total/NA	Solid	3060A	

Analysis Batch: 1041226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	7196A	1041206
MB 460-1041206/15-B	Method Blank	Total/NA	Solid	7196A	1041206
LCSI 460-1041206/17-A	Lab Control Sample	Total/NA	Solid	7196A	1041206
460-326450-A-2-F MSS	Matrix Spike	Total/NA	Solid	7196A	1041206
460-326450-A-2-G MSI	Matrix Spike	Total/NA	Solid	7196A	1041206
460-326450-A-2-E DU	Duplicate	Total/NA	Solid	7196A	1041206

QC Association Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

General Chemistry

Analysis Batch: 1041244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	9095B	
460-327111-A-4 DU	Duplicate	Total/NA	Solid	9095B	

Analysis Batch: 1041250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	1030	
460-326840-E-2 DU	Duplicate	Total/NA	Solid	1030	

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B2_0-5_20250520

Date Collected: 05/20/25 09:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:16
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:27
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:18
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B2_0-5_20250520

Date Collected: 05/20/25 09:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-1

Matrix: Solid
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 13:52
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 12:39
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 20:57
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/30/25 21:39
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 20:46
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:53
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:08
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:41

Client Sample ID: B2_5-10_20250520
Lab Sample ID: 460-326691-2

Date Collected: 05/20/25 09:05
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:18
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:24
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:20
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B2_5-10_20250520
Lab Sample ID: 460-326691-2

Date Collected: 05/20/25 09:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 12:25
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 12:52
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 21:13
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/30/25 21:58
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 21:00
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:22
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:10
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:44

Client Sample ID: B2_10-15_20250520
Lab Sample ID: 460-326691-3

Date Collected: 05/20/25 09:10
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:21
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:29
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:22
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B2_10-15_20250520
Lab Sample ID: 460-326691-3

Date Collected: 05/20/25 09:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 15:02
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 13:05
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 21:30
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/30/25 22:16
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 21:14
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:25
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:11
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:45

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_15-20_20250520
Lab Sample ID: 460-326691-4
Date Collected: 05/20/25 09:15
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:29
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:31
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:24
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B2_15-20_20250520
Lab Sample ID: 460-326691-4
Date Collected: 05/20/25 09:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 15:20
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 13:18
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 21:47
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/30/25 22:35
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 21:28
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:28
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:13
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:46

Client Sample ID: B2-2_3-5_20250520
Lab Sample ID: 460-326691-5
Date Collected: 05/20/25 08:45
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B2-2_3-5_20250520
Lab Sample ID: 460-326691-5
Date Collected: 05/20/25 08:45
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:02
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 11:05
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:36
Total/NA	Analysis	8015D		5	1040467	JHP	EET EDI	05/30/25 17:48

Client Sample ID: B2-2_8-10_20250520
Lab Sample ID: 460-326691-6
Date Collected: 05/20/25 08:50
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B2-2_8-10_20250520
Lab Sample ID: 460-326691-6
Date Collected: 05/20/25 08:50
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:02
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 11:32
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:36
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 18:07

Client Sample ID: B2-2_13-15_20250520
Lab Sample ID: 460-326691-7
Date Collected: 05/20/25 08:55
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B2-2_13-15_20250520
Lab Sample ID: 460-326691-7
Date Collected: 05/20/25 08:55
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:02
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 11:58
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:36
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 18:25

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A2_0-5_20250520
Date Collected: 05/20/25 12:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:32
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:32
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:26
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A2_0-5_20250520
Date Collected: 05/20/25 12:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-8
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 13:00
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 13:31
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 22:04
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/30/25 22:54
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 21:42
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:31
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:01
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:47

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A2_5-10_20250520

Lab Sample ID: 460-326691-9

Date Collected: 05/20/25 12:05

Matrix: Solid

Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:35
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:34
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:28
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A2_5-10_20250520

Lab Sample ID: 460-326691-9

Date Collected: 05/20/25 12:05

Matrix: Solid

Date Received: 05/20/25 17:00

Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 13:18
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 13:44
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 22:20
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/30/25 23:32
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 21:56
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:39
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:19
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:48

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A2_10-15_20250520
Date Collected: 05/20/25 12:10
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:38
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:39
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:30
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A2_10-15_20250520
Date Collected: 05/20/25 12:10
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-10
Matrix: Solid
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 13:35
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 13:57
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 22:37
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/30/25 23:51
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 22:10
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:42
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:20
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:48

Client Sample ID: A2-3_3-5_20250520
Date Collected: 05/20/25 11:30
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A2-3_3-5_20250520
Lab Sample ID: 460-326691-11
Date Collected: 05/20/25 11:30
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:03
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 12:25
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:36
Total/NA	Analysis	8015D		5	1040467	JHP	EET EDI	05/30/25 19:58

Client Sample ID: A2-3_10-12_20250520
Lab Sample ID: 460-326691-12
Date Collected: 05/20/25 11:35
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A2-3_10-12_20250520
Lab Sample ID: 460-326691-12
Date Collected: 05/20/25 11:35
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:03
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 12:51
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:36
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 20:16

Client Sample ID: A2-3_8-10_20250520
Lab Sample ID: 460-326691-13
Date Collected: 05/20/25 11:40
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A2-3_8-10_20250520
Lab Sample ID: 460-326691-13
Date Collected: 05/20/25 11:40
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:03
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 15:03
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:36
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 16:53

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A3_0-5_20250520
Date Collected: 05/20/25 14:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:41
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:41
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:32
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A3_0-5_20250520
Date Collected: 05/20/25 14:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-14
Matrix: Solid
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 14:10
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 14:10
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 22:54
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 00:10
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 22:24
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:44
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:22
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:53

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A3_5-10_20250520

Date Collected: 05/20/25 14:10
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:43
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:43
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:34
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A3_5-10_20250520

Date Collected: 05/20/25 14:10
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-15

Matrix: Solid
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 12:43
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 14:23
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 23:10
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 00:29
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 22:38
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:47
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:24
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:54

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A3_10-15_20250520

Lab Sample ID: 460-326691-16

Date Collected: 05/20/25 14:15

Matrix: Solid

Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:46
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:45
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:36
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A3_10-15_20250520

Lab Sample ID: 460-326691-16

Date Collected: 05/20/25 14:15

Matrix: Solid

Date Received: 05/20/25 17:00

Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 08:18
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 14:36
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 23:27
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 00:48
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 20:32
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:50
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		10	1040785	CDC	EET EDI	05/31/25 17:01
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:26
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 12:00
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:55

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A3-1_3-5_20250520
Lab Sample ID: 460-326691-17
Date Collected: 05/20/25 14:20
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A3-1_3-5_20250520
Lab Sample ID: 460-326691-17
Date Collected: 05/20/25 14:20
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:04
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 13:44

Client Sample ID: A3-1_8-10_20250520
Lab Sample ID: 460-326691-18
Date Collected: 05/20/25 14:25
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A3-1_8-10_20250520
Lab Sample ID: 460-326691-18
Date Collected: 05/20/25 14:25
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:04
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 14:10
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:37
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 20:34

Client Sample ID: A3-1_13-15_20250520
Lab Sample ID: 460-326691-19
Date Collected: 05/20/25 14:30
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A3-1_13-15_20250520
Lab Sample ID: 460-326691-19
Date Collected: 05/20/25 14:30
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:04
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 14:36
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:37
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 20:53

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B4_0-5_20250522
Lab Sample ID: 460-326806-1
Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	3010A			1040262	TAP	EET EDI	05/29/25 12:46
TCLP	Analysis	6020B		10	1040299	CDC	EET EDI	05/29/25 17:38
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	7470A			1040495	JKF	EET EDI	05/30/25 10:12
TCLP	Analysis	7470A		1	1040602	JKF	EET EDI	05/30/25 16:28
Total/NA	Analysis	1030		1	1040031	YAH	EET EDI	05/28/25 14:53
Total/NA	Prep	7.3.3			1040298	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9014		1	1040300	HTV	EET EDI	05/29/25 14:45
Total/NA	Prep	7.3.4			1040296	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9034		1	1040301	HTV	EET EDI	05/29/25 14:45
Total/NA	Analysis	9045D		1	1040274	YAH	EET EDI	05/29/25 13:56
Total/NA	Analysis	9095B		1	1041244	YAH	EET EDI	06/03/25 14:56
Total/NA	Analysis	Moisture		1	1039814	CJC	EET EDI	05/27/25 18:14

Client Sample ID: B4_0-5_20250522
Lab Sample ID: 460-326806-1
Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1039939	SXS	EET EDI	05/28/25 08:54
Total/NA	Analysis	8270E		1	1040069	MME	EET EDI	05/29/25 01:30
Total/NA	Prep	3546			1039986	OTS	EET EDI	05/28/25 10:52
Total/NA	Analysis	8081B		1	1040105	FAM	EET EDI	05/29/25 05:22
Total/NA	Prep	3546			1039985	OTS	EET EDI	05/28/25 10:47
Total/NA	Analysis	8082A		1	1040114	FAM	EET EDI	05/29/25 05:44
Total/NA	Prep	8151A			1039660	AXB	EET EDI	05/28/25 06:24
Total/NA	Analysis	8151A		1	1039894	SAK	EET EDI	05/28/25 16:57
Total/NA	Prep	3546			1039957	FHW	EET EDI	05/28/25 09:28
Total/NA	Analysis	NJDEP EPH		1	1039829	JHP	EET EDI	05/28/25 21:36
Total/NA	Prep	3050B			1039885	FBT	EET EDI	05/28/25 06:24
Total/NA	Analysis	6020B		1	1039995	CDC	EET EDI	05/28/25 15:20
Total/NA	Prep	7471B			1040101	TJS	EET EDI	05/29/25 00:35
Total/NA	Analysis	7471B		1	1040161	TJS	EET EDI	05/29/25 04:44
Total/NA	Prep	3060A			1040450	MNP	EET EDI	05/30/25 09:00 - 05/30/25 10:00 [1]
Total/NA	Analysis	7196A		1	1040508	MNP	EET EDI	05/30/25 14:30
Total/NA	Prep	9012B			1040356	MMC	EET EDI	05/29/25 20:45
Total/NA	Analysis	9012B		1	1040549	AXP	EET EDI	05/30/25 13:12

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B4_5-10_20250522

Lab Sample ID: 460-326806-2

Date Collected: 05/22/25 12:05

Matrix: Solid

Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	3010A			1040262	TAP	EET EDI	05/29/25 12:46
TCLP	Analysis	6020B		10	1040299	CDC	EET EDI	05/29/25 17:41
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	7470A			1040495	JKF	EET EDI	05/30/25 10:12
TCLP	Analysis	7470A		1	1040602	JKF	EET EDI	05/30/25 16:30
Total/NA	Analysis	1030		1	1040031	YAH	EET EDI	05/28/25 14:53
Total/NA	Prep	7.3.3			1040298	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9014		1	1040300	HTV	EET EDI	05/29/25 14:45
Total/NA	Prep	7.3.4			1040296	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9034		1	1040301	HTV	EET EDI	05/29/25 14:45
Total/NA	Analysis	9045D		1	1040274	YAH	EET EDI	05/29/25 13:57
Total/NA	Analysis	Moisture		1	1039814	CJC	EET EDI	05/27/25 18:14

Client Sample ID: B4_5-10_20250522

Lab Sample ID: 460-326806-2

Date Collected: 05/22/25 12:05

Matrix: Solid

Date Received: 05/22/25 17:00

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1039939	SXS	EET EDI	05/28/25 08:54
Total/NA	Analysis	8270E		1	1040069	MME	EET EDI	05/29/25 06:02
Total/NA	Prep	3546			1039986	OTS	EET EDI	05/28/25 10:52
Total/NA	Analysis	8081B		1	1040105	FAM	EET EDI	05/29/25 05:35
Total/NA	Prep	3546			1039985	OTS	EET EDI	05/28/25 10:47
Total/NA	Analysis	8082A		1	1040114	FAM	EET EDI	05/29/25 06:01
Total/NA	Prep	8151A			1039660	AXB	EET EDI	05/28/25 06:24
Total/NA	Analysis	8151A		1	1039894	SAK	EET EDI	05/28/25 17:16
Total/NA	Prep	3546			1039957	FHW	EET EDI	05/28/25 09:28
Total/NA	Analysis	NJDEP EPH		1	1039829	JHP	EET EDI	05/28/25 21:50
Total/NA	Prep	3050B			1039885	FBT	EET EDI	05/28/25 06:24
Total/NA	Analysis	6020B		1	1039995	CDC	EET EDI	05/28/25 15:23
Total/NA	Prep	7471B			1040101	TJS	EET EDI	05/29/25 00:35
Total/NA	Analysis	7471B		1	1040161	TJS	EET EDI	05/29/25 04:46
Total/NA	Prep	3060A			1040450	MNP	EET EDI	05/30/25 09:00 - 05/30/25 10:00 [1]
Total/NA	Analysis	7196A		1	1040508	MNP	EET EDI	05/30/25 14:30
Total/NA	Prep	9012B			1040356	MMC	EET EDI	05/29/25 20:45
Total/NA	Analysis	9012B		1	1040549	AXP	EET EDI	05/30/25 13:13

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B4_10-15_20250522
Date Collected: 05/22/25 12:15
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	3010A			1040262	TAP	EET EDI	05/29/25 12:46
TCLP	Analysis	6020B		10	1040299	CDC	EET EDI	05/29/25 17:44
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	7470A			1040495	JKF	EET EDI	05/30/25 10:12
TCLP	Analysis	7470A		1	1040602	JKF	EET EDI	05/30/25 16:32
Total/NA	Analysis	1030		1	1040031	YAH	EET EDI	05/28/25 14:53
Total/NA	Prep	7.3.3			1040298	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9014		1	1040300	HTV	EET EDI	05/29/25 14:45
Total/NA	Prep	7.3.4			1040296	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9034		1	1040301	HTV	EET EDI	05/29/25 14:45
Total/NA	Analysis	9045D		1	1040274	YAH	EET EDI	05/29/25 13:59
Total/NA	Analysis	Moisture		1	1039814	CJC	EET EDI	05/27/25 18:14

Client Sample ID: B4_10-15_20250522
Date Collected: 05/22/25 12:15
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-3
Matrix: Solid
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1039939	SXS	EET EDI	05/28/25 08:54
Total/NA	Analysis	8270E		1	1040069	MME	EET EDI	05/28/25 23:17
Total/NA	Prep	3546			1039986	OTS	EET EDI	05/28/25 10:52
Total/NA	Analysis	8081B		1	1040105	FAM	EET EDI	05/29/25 08:27
Total/NA	Prep	3546			1039985	OTS	EET EDI	05/28/25 10:47
Total/NA	Analysis	8082A		1	1040114	FAM	EET EDI	05/29/25 06:17
Total/NA	Prep	8151A			1039660	AXB	EET EDI	05/28/25 06:24
Total/NA	Analysis	8151A		1	1039894	SAK	EET EDI	05/28/25 17:35
Total/NA	Prep	3546			1039957	FHW	EET EDI	05/28/25 09:28
Total/NA	Analysis	NJDEP EPH		1	1039829	JHP	EET EDI	05/28/25 22:04
Total/NA	Prep	3050B			1039885	FBT	EET EDI	05/28/25 06:24
Total/NA	Analysis	6020B		1	1039995	CDC	EET EDI	05/28/25 15:26
Total/NA	Prep	7471B			1040101	TJS	EET EDI	05/29/25 00:35
Total/NA	Analysis	7471B		1	1040161	TJS	EET EDI	05/29/25 04:47
Total/NA	Prep	3060A			1040450	MNP	EET EDI	05/30/25 09:00 - 05/30/25 10:00 [1]
Total/NA	Analysis	7196A		1	1040508	MNP	EET EDI	05/30/25 14:30
Total/NA	Prep	9012B			1040356	MMC	EET EDI	05/29/25 20:45
Total/NA	Analysis	9012B		1	1040549	AXP	EET EDI	05/30/25 13:14

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B4_15-20_20250522

Lab Sample ID: 460-326806-4

Date Collected: 05/22/25 14:00

Matrix: Solid

Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	3010A			1040262	TAP	EET EDI	05/29/25 12:46
TCLP	Analysis	6020B		10	1040299	CDC	EET EDI	05/29/25 17:47
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	7470A			1040495	JKF	EET EDI	05/30/25 10:12
TCLP	Analysis	7470A		1	1040602	JKF	EET EDI	05/30/25 16:34
Total/NA	Analysis	1030		1	1040031	YAH	EET EDI	05/28/25 14:53
Total/NA	Prep	7.3.3			1040298	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9014		1	1040300	HTV	EET EDI	05/29/25 14:45
Total/NA	Prep	7.3.4			1040296	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9034		1	1040301	HTV	EET EDI	05/29/25 14:45
Total/NA	Analysis	9045D		1	1040274	YAH	EET EDI	05/29/25 14:01
Total/NA	Analysis	Moisture		1	1039814	CJC	EET EDI	05/27/25 18:14

Client Sample ID: B4_15-20_20250522

Lab Sample ID: 460-326806-4

Date Collected: 05/22/25 14:00

Matrix: Solid

Date Received: 05/22/25 17:00

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1039939	SXS	EET EDI	05/28/25 08:54
Total/NA	Analysis	8270E		1	1040069	MME	EET EDI	05/28/25 22:10
Total/NA	Prep	3546			1039986	OTS	EET EDI	05/28/25 10:52
Total/NA	Analysis	8081B		1	1040105	FAM	EET EDI	05/29/25 08:39
Total/NA	Prep	3546			1039985	OTS	EET EDI	05/28/25 10:47
Total/NA	Analysis	8082A		1	1040114	FAM	EET EDI	05/29/25 06:34
Total/NA	Prep	8151A			1039660	AXB	EET EDI	05/28/25 06:24
Total/NA	Analysis	8151A		1	1039894	SAK	EET EDI	05/28/25 17:54
Total/NA	Prep	3546			1039957	FHW	EET EDI	05/28/25 09:28
Total/NA	Analysis	NJDEP EPH		1	1039829	JHP	EET EDI	05/28/25 22:18
Total/NA	Prep	3050B			1039885	FBT	EET EDI	05/28/25 06:24
Total/NA	Analysis	6020B		1	1039995	CDC	EET EDI	05/28/25 15:29
Total/NA	Prep	7471B			1040102	TJS	EET EDI	05/29/25 00:54
Total/NA	Analysis	7471B		1	1040161	TJS	EET EDI	05/29/25 04:53
Total/NA	Prep	3060A			1040450	MNP	EET EDI	05/30/25 09:00 - 05/30/25 10:00 [1]
Total/NA	Analysis	7196A		1	1040508	MNP	EET EDI	05/30/25 14:30
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 21:00

Client Sample ID: B1-B2_20-25_20250522
Lab Sample ID: 460-326806-5

Date Collected: 05/22/25 13:30
Matrix: Solid
Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	3010A			1040262	TAP	EET EDI	05/29/25 12:46
TCLP	Analysis	6020B		10	1040299	CDC	EET EDI	05/29/25 17:50
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	7470A			1040495	JKF	EET EDI	05/30/25 10:12
TCLP	Analysis	7470A		1	1040602	JKF	EET EDI	05/30/25 16:35
Total/NA	Analysis	1030		1	1040031	YAH	EET EDI	05/28/25 14:53
Total/NA	Prep	7.3.3			1040298	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9014		1	1040300	HTV	EET EDI	05/29/25 14:45
Total/NA	Prep	7.3.4			1040296	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9034		1	1040301	HTV	EET EDI	05/29/25 14:45
Total/NA	Analysis	9045D		1	1040274	YAH	EET EDI	05/29/25 14:03
Total/NA	Analysis	Moisture		1	1039814	CJC	EET EDI	05/27/25 18:14

Client Sample ID: B1-B2_20-25_20250522
Lab Sample ID: 460-326806-5

Date Collected: 05/22/25 13:30
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 75.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1039939	SXS	EET EDI	05/28/25 08:54
Total/NA	Analysis	8270E		1	1040069	MME	EET EDI	05/28/25 21:48
Total/NA	Prep	3546			1039986	OTS	EET EDI	05/28/25 10:52
Total/NA	Analysis	8081B		1	1040105	FAM	EET EDI	05/29/25 08:52
Total/NA	Prep	3546			1039985	OTS	EET EDI	05/28/25 10:47
Total/NA	Analysis	8082A		1	1040114	FAM	EET EDI	05/29/25 06:51
Total/NA	Prep	8151A			1039660	AXB	EET EDI	05/28/25 06:24
Total/NA	Analysis	8151A		1	1039894	SAK	EET EDI	05/28/25 18:13
Total/NA	Prep	3546			1039957	FHW	EET EDI	05/28/25 09:28
Total/NA	Analysis	NJDEP EPH		1	1039829	JHP	EET EDI	05/28/25 22:32
Total/NA	Prep	3050B			1039885	FBT	EET EDI	05/28/25 06:24
Total/NA	Analysis	6020B		1	1039995	CDC	EET EDI	05/28/25 15:31
Total/NA	Prep	7471B			1040102	TJS	EET EDI	05/29/25 00:54
Total/NA	Analysis	7471B		1	1040161	TJS	EET EDI	05/29/25 05:04
Total/NA	Prep	3060A			1040450	MNP	EET EDI	05/30/25 09:00 - 05/30/25 10:00 [1]
Total/NA	Analysis	7196A		1	1040508	MNP	EET EDI	05/30/25 14:30
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 21:01

Client Sample ID: B4-1B_3-5_20250522
Lab Sample ID: 460-326806-6

Date Collected: 05/22/25 09:55
Matrix: Solid
Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B4-1B_3-5_20250522
Lab Sample ID: 460-326806-6
Date Collected: 05/22/25 09:55
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039787	JCZ	EET EDI	05/27/25 13:20
Total/NA	Analysis	8015D		50	1040043	EMM	EET EDI	05/28/25 23:11
Total/NA	Prep	3546			1040060	ARA	EET EDI	05/28/25 18:27
Total/NA	Analysis	8015D		5	1040467	JHP	EET EDI	05/30/25 12:48

Client Sample ID: B4-1B_8-10_20250522
Lab Sample ID: 460-326806-7
Date Collected: 05/22/25 10:00
Matrix: Solid
Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Client Sample ID: B4-1B_8-10_20250522
Lab Sample ID: 460-326806-7
Date Collected: 05/22/25 10:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 97.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039787	JCZ	EET EDI	05/27/25 13:20
Total/NA	Analysis	8015D		50	1040043	EMM	EET EDI	05/28/25 23:37
Total/NA	Prep	3546			1040060	ARA	EET EDI	05/28/25 18:27
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 13:15

Client Sample ID: B4-4_13-15_20250522
Lab Sample ID: 460-326806-8
Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Client Sample ID: B4-4_13-15_20250522
Lab Sample ID: 460-326806-8
Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039787	JCZ	EET EDI	05/27/25 13:20
Total/NA	Analysis	8015D		500	1040218	EMM	EET EDI	05/29/25 16:56
Total/NA	Prep	3546			1040060	ARA	EET EDI	05/28/25 18:27
Total/NA	Analysis	8015D		10	1040467	JHP	EET EDI	05/30/25 14:30

Client Sample ID: B4-4_15-17_20250522
Lab Sample ID: 460-326806-9
Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B4-4_15-17_20250522
Lab Sample ID: 460-326806-9
Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039787	JCZ	EET EDI	05/27/25 13:21
Total/NA	Analysis	8015D		50	1040218	EMM	EET EDI	05/29/25 17:23
Total/NA	Prep	3546			1040060	ARA	EET EDI	05/28/25 18:27
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 13:52

Client Sample ID: B1-4_20-22_20250522
Lab Sample ID: 460-326806-10
Date Collected: 05/22/25 13:35
Matrix: Solid
Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Client Sample ID: B1-4_20-22_20250522
Lab Sample ID: 460-326806-10
Date Collected: 05/22/25 13:35
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039787	JCZ	EET EDI	05/27/25 13:21
Total/NA	Analysis	8015D		200	1040218	EMM	EET EDI	05/29/25 16:30
Total/NA	Prep	3546			1040060	ARA	EET EDI	05/28/25 18:27
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 14:11

Client Sample ID: A4_0-5_20250521
Lab Sample ID: 460-326877-1
Date Collected: 05/21/25 08:50
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:49
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:46
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:40
Total/NA	Analysis	Moisture		1	1040453	DAN	EET EDI	05/30/25 08:30

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A4_0-5_20250521
Lab Sample ID: 460-326877-1
Date Collected: 05/21/25 08:50
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 12:29
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 14:49
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 23:44
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 01:07
Total/NA	Prep	3546			1040491	FHW	EET EDI	05/30/25 09:58
Total/NA	Analysis	NJDEP EPH		1	1040627	OXG	EET EDI	05/30/25 22:52
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:44
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:28
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1040633	VBG	EET EDI	05/30/25 20:54
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:22

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2
Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:52
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:48
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:42
Total/NA	Analysis	Moisture		1	1040453	DAN	EET EDI	05/30/25 08:30

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2
Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 12:48

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2
Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 15:02
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 00:00
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 01:26
Total/NA	Prep	3546			1040491	FHW	EET EDI	05/30/25 09:58
Total/NA	Analysis	NJDEP EPH		1	1040627	OXG	EET EDI	05/30/25 23:06
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:47
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:29
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1040633	VBG	EET EDI	05/30/25 20:54
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:28

Client Sample ID: A4-3_3-5_20250521
Lab Sample ID: 460-326877-3
Date Collected: 05/21/25 09:00
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A4-3_3-5_20250521
Lab Sample ID: 460-326877-3
Date Collected: 05/21/25 09:00
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:05
Total/NA	Analysis	8015D		50	1040959	EMM	EET EDI	06/02/25 14:12

Client Sample ID: A4-3_8-10_20250521
Lab Sample ID: 460-326877-4
Date Collected: 05/21/25 09:05
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A4-3_8-10_20250521
Lab Sample ID: 460-326877-4
Date Collected: 05/21/25 09:05
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:05
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 16:38

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A4-3_8-10_20250521

Lab Sample ID: 460-326877-4

Date Collected: 05/21/25 09:05
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:37
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 21:12

Client Sample ID: B3_0-5_20250521

Lab Sample ID: 460-326877-5

Date Collected: 05/21/25 15:30
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:28
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:50
Total/NA	Analysis	1030		1	1041250	YAH	EET EDI	06/03/25 15:06
Total/NA	Prep	7.3.3			1040995	HTV	EET EDI	06/02/25 09:30
Total/NA	Analysis	9014		1	1040996	HTV	EET EDI	06/02/25 14:15
Total/NA	Prep	7.3.4			1040993	HTV	EET EDI	06/02/25 09:30
Total/NA	Analysis	9034		1	1041000	HTV	EET EDI	06/02/25 14:15
Total/NA	Analysis	9045D		1	1041013	MNP	EET EDI	06/02/25 16:25
Total/NA	Analysis	Moisture		1	1040453	DAN	EET EDI	05/30/25 08:30

Client Sample ID: B3_0-5_20250521

Lab Sample ID: 460-326877-5

Date Collected: 05/21/25 15:30
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040640	GXY	EET EDI	05/30/25 21:49
Total/NA	Analysis	8270E		1	1040833	YAH	EET EDI	06/01/25 19:21
Total/NA	Prep	3546			1040504	OTS	EET EDI	05/31/25 06:34
Total/NA	Analysis	8081B		1	1040876	FAM	EET EDI	06/02/25 06:40
Total/NA	Prep	3546			1040503	OTS	EET EDI	05/31/25 06:37
Total/NA	Analysis	8082A		1	1040886	FAM	EET EDI	06/02/25 13:33
Total/NA	Prep	8151A			1040667	BXP	EET EDI	05/31/25 04:52
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 23:14
Total/NA	Prep	3546			1040675	BJB	EET EDI	05/31/25 06:12
Total/NA	Analysis	NJDEP EPH		1	1040939	JHP	EET EDI	06/02/25 11:48
Total/NA	Prep	3050B			1040654	GAE	EET EDI	05/30/25 23:50
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 16:32
Total/NA	Prep	7471B			1040870	TJS	EET EDI	06/02/25 01:11
Total/NA	Analysis	7471B		1	1040960	TJS	EET EDI	06/02/25 06:12
Total/NA	Prep	3060A			1041206	MNP	EET EDI	06/03/25 12:00 - 06/03/25 13:00 [1]
Total/NA	Analysis	7196A		1	1041226	MNP	EET EDI	06/03/25 16:30
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 21:09

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B3_10-15_20250521
Date Collected: 05/21/25 15:35
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:07
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 16:15
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:44
Total/NA	Analysis	Moisture		1	1040453	DAN	EET EDI	05/30/25 08:30

Client Sample ID: B3_10-15_20250521
Date Collected: 05/21/25 15:35
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-6
Matrix: Solid
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 13:27
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 15:15
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 00:17
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 01:45
Total/NA	Prep	3546			1040491	FHW	EET EDI	05/30/25 09:58
Total/NA	Analysis	NJDEP EPH		1	1040627	OXG	EET EDI	05/30/25 23:21
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:30
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:33
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1040633	VBG	EET EDI	05/30/25 20:54
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:29

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B3_15-20_20250521

Lab Sample ID: 460-326877-7

Date Collected: 05/21/25 15:40

Matrix: Solid

Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:54
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 16:17
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:50
Total/NA	Analysis	Moisture		1	1040453	DAN	EET EDI	05/30/25 08:30

Client Sample ID: B3_15-20_20250521

Lab Sample ID: 460-326877-7

Date Collected: 05/21/25 15:40

Matrix: Solid

Date Received: 05/21/25 17:00

Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 13:47
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 15:28
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 00:34
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 02:04
Total/NA	Prep	3546			1040491	FHW	EET EDI	05/30/25 09:58
Total/NA	Analysis	NJDEP EPH		1	1040627	OXG	EET EDI	05/30/25 23:35
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:33
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:35
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1040633	VBG	EET EDI	05/30/25 20:54
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:30

Client Sample ID: B3_5-10_20250521
Lab Sample ID: 460-326877-8

Date Collected: 05/21/25 15:45
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 18:14
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 16:19
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:54
Total/NA	Analysis	Moisture		1	1040453	DAN	EET EDI	05/30/25 08:30

Client Sample ID: B3_5-10_20250521
Lab Sample ID: 460-326877-8

Date Collected: 05/21/25 15:45
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 14:06
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 15:41
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 00:50
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 02:23
Total/NA	Prep	3546			1040491	FHW	EET EDI	05/30/25 09:58
Total/NA	Analysis	NJDEP EPH		1	1040627	OXG	EET EDI	05/30/25 23:49
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:41
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:40
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1040633	VBG	EET EDI	05/30/25 20:54
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:31

Client Sample ID: B3-4_3-5_20250521
Lab Sample ID: 460-326877-9

Date Collected: 05/21/25 10:00
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B3-4_3-5_20250521
Lab Sample ID: 460-326877-9
Date Collected: 05/21/25 10:00
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:05
Total/NA	Analysis	8015D		50	1040959	EMM	EET EDI	06/02/25 14:39

Client Sample ID: B3-4_6-8_20250521
Lab Sample ID: 460-326877-10
Date Collected: 05/21/25 10:10
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B3-4_6-8_20250521
Lab Sample ID: 460-326877-10
Date Collected: 05/21/25 10:10
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:06
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 17:04
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:37
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 21:49

Client Sample ID: B3-4_13-15_20250521
Lab Sample ID: 460-326877-11
Date Collected: 05/21/25 10:15
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B3-4_13-15_20250521
Lab Sample ID: 460-326877-11
Date Collected: 05/21/25 10:15
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:06
Total/NA	Analysis	8015D		2500	1040357	EMM	EET EDI	05/30/25 20:58
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:37
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 22:08

Client Sample ID: B3-4_16-18_20250521
Lab Sample ID: 460-326877-12
Date Collected: 05/21/25 10:20
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B3-4_16-18_20250521

Lab Sample ID: 460-326877-12
Date Collected: 05/21/25 10:20
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:06
Total/NA	Analysis	8015D		2500	1040357	EMM	EET EDI	05/30/25 21:24
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:37
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 22:26

Client Sample ID: A1_0-5_20250519

Lab Sample ID: 460-327048-1
Date Collected: 05/19/25 11:30
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:31
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041430	JKF	EET EDI	06/04/25 10:18
TCLP	Analysis	7470A		1	1041508	JKF	EET EDI	06/04/25 14:55
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:00
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A1_0-5_20250519

Lab Sample ID: 460-327048-1
Date Collected: 05/19/25 11:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 12:09
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 11:08
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 01:07
Total/NA	Prep	8151A			1040418	AXB	EET EDI	05/30/25 06:13
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 09:21
Total/NA	Prep	3546			1040333	ARA	EET EDI	05/29/25 18:38
Total/NA	Analysis	NJDEP EPH		1	1040461	JHP	EET EDI	05/30/25 11:14
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:52
Total/NA	Prep	7471B			1040379	TJS	EET EDI	05/30/25 01:23
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 05:06
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 14:05

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A1_0-5_20250519

Lab Sample ID: 460-327048-1

Date Collected: 05/19/25 11:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			1040629	VBG	EET EDI	05/30/25 19:45
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 19:27

Client Sample ID: A1_5-10_20250519

Lab Sample ID: 460-327048-2

Date Collected: 05/19/25 11:45
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:39
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041430	JKF	EET EDI	06/04/25 10:18
TCLP	Analysis	7470A		1	1041508	JKF	EET EDI	06/04/25 14:57
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:04
Total/NA	Analysis	9095B		1	1040541	PXP	EET EDI	05/30/25 12:53
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A1_5-10_20250519

Lab Sample ID: 460-327048-2

Date Collected: 05/19/25 11:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 10:13
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 11:21
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 01:24
Total/NA	Prep	8151A			1040418	AXB	EET EDI	05/30/25 06:13
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 09:40
Total/NA	Prep	3546			1040333	ARA	EET EDI	05/29/25 18:38
Total/NA	Analysis	NJDEP EPH		1	1040461	JHP	EET EDI	05/30/25 11:28
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:55
Total/NA	Prep	7471B			1040379	TJS	EET EDI	05/30/25 01:23
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 05:07
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 14:05

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A1_5-10_20250519

Lab Sample ID: 460-327048-2
Date Collected: 05/19/25 11:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			1040629	VBG	EET EDI	05/30/25 19:45
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 19:28

Client Sample ID: A1_10-15_20250519

Lab Sample ID: 460-327048-3
Date Collected: 05/19/25 12:00
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:42
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041430	JKF	EET EDI	06/04/25 10:18
TCLP	Analysis	7470A		1	1041508	JKF	EET EDI	06/04/25 14:58
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:06
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A1_10-15_20250519

Lab Sample ID: 460-327048-3
Date Collected: 05/19/25 12:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 10:33
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 11:34
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 01:40
Total/NA	Prep	8151A			1040418	AXB	EET EDI	05/30/25 06:13
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 09:59
Total/NA	Prep	3546			1040333	ARA	EET EDI	05/29/25 18:38
Total/NA	Analysis	NJDEP EPH		1	1040461	JHP	EET EDI	05/30/25 12:10
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:58
Total/NA	Prep	7471B			1040379	TJS	EET EDI	05/30/25 01:23
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 05:09
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 14:05
Total/NA	Prep	9012B			1040629	VBG	EET EDI	05/30/25 19:45
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 19:29

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A1_3-5_20250519
Lab Sample ID: 460-327048-4
Date Collected: 05/19/25 11:35
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A1_3-5_20250519
Lab Sample ID: 460-327048-4
Date Collected: 05/19/25 11:35
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:07
Total/NA	Analysis	8015D		50	1040505	EMM	EET EDI	05/31/25 00:55

Client Sample ID: A1_8-10_20250519
Lab Sample ID: 460-327048-5
Date Collected: 05/19/25 11:40
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A1_8-10_20250519
Lab Sample ID: 460-327048-5
Date Collected: 05/19/25 11:40
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:07
Total/NA	Analysis	8015D		50	1040505	EMM	EET EDI	05/31/25 01:21

Client Sample ID: A1_13-15_20250519
Lab Sample ID: 460-327048-6
Date Collected: 05/19/25 11:50
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A1_13-15_20250519
Lab Sample ID: 460-327048-6
Date Collected: 05/19/25 11:50
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:07
Total/NA	Analysis	8015D		50	1040505	EMM	EET EDI	05/31/25 01:47

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B1_0-5_20250519

Date Collected: 05/19/25 14:15
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:45
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041430	JKF	EET EDI	06/04/25 10:18
TCLP	Analysis	7470A		1	1041508	JKF	EET EDI	06/04/25 15:04
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:08
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B1_0-5_20250519

Date Collected: 05/19/25 14:15
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-7

Matrix: Solid
Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 11:50
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 11:47
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 01:57
Total/NA	Prep	8151A			1040418	AXB	EET EDI	05/30/25 06:13
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 10:18
Total/NA	Prep	3546			1040333	ARA	EET EDI	05/29/25 18:38
Total/NA	Analysis	NJDEP EPH		1	1040461	JHP	EET EDI	05/30/25 12:24
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 12:00
Total/NA	Prep	7471B			1040379	TJS	EET EDI	05/30/25 01:23
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 05:11
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 14:05
Total/NA	Prep	9012B			1040629	VBG	EET EDI	05/30/25 19:45
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 19:29

Client Sample ID: B1_5-10_20250519
Lab Sample ID: 460-327048-8

Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:20
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041430	JKF	EET EDI	06/04/25 10:18
TCLP	Analysis	7470A		1	1041508	JKF	EET EDI	06/04/25 15:06
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:10
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B1_5-10_20250519
Lab Sample ID: 460-327048-8

Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 10:52
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 12:00
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 02:14
Total/NA	Prep	8151A			1040418	AXB	EET EDI	05/30/25 06:13
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 09:02
Total/NA	Prep	3546			1040333	ARA	EET EDI	05/29/25 18:38
Total/NA	Analysis	NJDEP EPH		1	1040461	JHP	EET EDI	05/30/25 12:38
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 12:03
Total/NA	Prep	7471B			1040379	TJS	EET EDI	05/30/25 01:23
Total/NA	Analysis	7471B		3	1040431	TJS	EET EDI	05/30/25 07:16
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1040629	VBG	EET EDI	05/30/25 19:45
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 19:30

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B1_10-15_20250519
Date Collected: 05/19/25 14:45
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:47
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041430	JKF	EET EDI	06/04/25 10:18
TCLP	Analysis	7470A		1	1041508	JKF	EET EDI	06/04/25 15:07
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:12
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B1_10-15_20250519
Date Collected: 05/19/25 14:45
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-9
Matrix: Solid
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 11:11
Total/NA	Prep	3546			1040504	OTS	EET EDI	05/30/25 10:35
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 10:03
Total/NA	Prep	3546			1040503	OTS	EET EDI	05/30/25 10:29
Total/NA	Analysis	8082A		1	1040618	JHP	EET EDI	05/31/25 00:01
Total/NA	Prep	8151A			1040418	AXB	EET EDI	05/30/25 06:13
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 10:37
Total/NA	Prep	3546			1040333	ARA	EET EDI	05/29/25 18:38
Total/NA	Analysis	NJDEP EPH		1	1040461	JHP	EET EDI	05/30/25 12:52
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 12:06
Total/NA	Prep	7471B			1040379	TJS	EET EDI	05/30/25 01:23
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 07:18
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1041029	MMC	EET EDI	06/02/25 18:07
Total/NA	Analysis	9012B		1	1041079	VBG	EET EDI	06/02/25 22:22

Client Sample ID: B1_15-20_20250519
Lab Sample ID: 460-327048-10

Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:50
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041430	JKF	EET EDI	06/04/25 10:18
TCLP	Analysis	7470A		1	1041508	JKF	EET EDI	06/04/25 15:09
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:14
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B1_15-20_20250519
Lab Sample ID: 460-327048-10

Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 11:31
Total/NA	Prep	3546			1040504	OTS	EET EDI	05/30/25 10:35
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 10:16
Total/NA	Prep	3546			1040503	OTS	EET EDI	05/30/25 10:34
Total/NA	Analysis	8082A		1	1040618	JHP	EET EDI	05/31/25 00:18
Total/NA	Prep	8151A			1040418	AXB	EET EDI	05/30/25 06:13
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 10:56
Total/NA	Prep	3546			1040333	ARA	EET EDI	05/29/25 18:38
Total/NA	Analysis	NJDEP EPH		1	1040461	JHP	EET EDI	05/30/25 13:06
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:49
Total/NA	Prep	7471B			1040379	TJS	EET EDI	05/30/25 01:23
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 05:17
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1040633	VBG	EET EDI	05/30/25 20:54
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:33

Client Sample ID: B1_3-5_20250519
Lab Sample ID: 460-327048-11

Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B1_3-5_20250519
Lab Sample ID: 460-327048-11
Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:08
Total/NA	Analysis	8015D		50	1040505	EMM	EET EDI	05/31/25 02:14

Client Sample ID: B1_5-7_20250519
Lab Sample ID: 460-327048-12
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B1_5-7_20250519
Lab Sample ID: 460-327048-12
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:08
Total/NA	Analysis	8015D		50	1040505	EMM	EET EDI	05/31/25 02:40

Client Sample ID: B1_17-19_20250519
Lab Sample ID: 460-327048-13
Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B1_17-19_20250519
Lab Sample ID: 460-327048-13
Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:08
Total/NA	Analysis	8015D		50	1040959	EMM	EET EDI	06/02/25 15:05

Client Sample ID: B2_17-19_20250519
Lab Sample ID: 460-327048-14
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_17-19_20250519
Lab Sample ID: 460-327048-14
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:09
Total/NA	Analysis	8015D		5000	1040959	EMM	EET EDI	06/02/25 18:09

Client Sample ID: B1_13-15_20250519
Lab Sample ID: 460-327048-15
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B1_13-15_20250519
Lab Sample ID: 460-327048-15
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:09
Total/NA	Analysis	8015D		50	1040959	EMM	EET EDI	06/02/25 15:31

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

H-C Inc = Hampton-Clarke, Inc, 175 Route 46 West, Unit D, Fairfield, NJ 07004

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
9014	7.3.3	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
9045D		Solid	Temperature
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids
NJDEP EPH	3546	Solid	Total EPH (C9-C40)

Method Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Method	Method Description	Protocol	Laboratory
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8015D	Gasoline Range Organics (GRO) (GC)	SW846	EET EDI
8015D	Diesel Range Organics (DRO) (GC)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
8151A	Herbicides (GC)	SW846	EET EDI
NJDEP EPH	New Jersey Extractable Petroleum Hydrocarbons	NJDEP	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7470A	Mercury (CVAA)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
1030	Ignitability, Solids	SW846	EET EDI
7196A	Chromium, Hexavalent	SW846	EET EDI
9012B	Cyanide, Total andor Amenable	SW846	EET EDI
9014	Cyanide, Reactive	SW846	EET EDI
9034	Sulfide, Reactive	SW846	EET EDI
9045D	pH	SW846	EET EDI
9095B	Paint Filter	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
Subcontract	EOX by 9023 + % Solids SM2540G	None	H-C Inc
1311	TCLP Extraction	SW846	EET EDI
3010A	Preparation, Total Metals	SW846	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7.3.3	Cyanide, Reactive	SW846	EET EDI
7.3.4	Sulfide, Reactive	SW846	EET EDI
7470A	Preparation, Mercury	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI
8151A	Extraction (Herbicides)	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency
NJDEP = New Jersey Department of Environmental Protection
None = None
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900
H-C Inc = Hampton-Clarke, Inc, 175 Route 46 West, Unit D, Fairfield, NJ 07004

Sample Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-326691-1	B2_0-5_20250520	Solid	05/20/25 09:00	05/20/25 17:00
460-326691-2	B2_5-10_20250520	Solid	05/20/25 09:05	05/20/25 17:00
460-326691-3	B2_10-15_20250520	Solid	05/20/25 09:10	05/20/25 17:00
460-326691-4	B2_15-20_20250520	Solid	05/20/25 09:15	05/20/25 17:00
460-326691-5	B2-2_3-5_20250520	Solid	05/20/25 08:45	05/20/25 17:00
460-326691-6	B2-2_8-10_20250520	Solid	05/20/25 08:50	05/20/25 17:00
460-326691-7	B2-2_13-15_20250520	Solid	05/20/25 08:55	05/20/25 17:00
460-326691-8	A2_0-5_20250520	Solid	05/20/25 12:00	05/20/25 17:00
460-326691-9	A2_5-10_20250520	Solid	05/20/25 12:05	05/20/25 17:00
460-326691-10	A2_10-15_20250520	Solid	05/20/25 12:10	05/20/25 17:00
460-326691-11	A2-3_3-5_20250520	Solid	05/20/25 11:30	05/20/25 17:00
460-326691-12	A2-3_10-12_20250520	Solid	05/20/25 11:35	05/20/25 17:00
460-326691-13	A2-3_8-10_20250520	Solid	05/20/25 11:40	05/20/25 17:00
460-326691-14	A3_0-5_20250520	Solid	05/20/25 14:00	05/20/25 17:00
460-326691-15	A3_5-10_20250520	Solid	05/20/25 14:10	05/20/25 17:00
460-326691-16	A3_10-15_20250520	Solid	05/20/25 14:15	05/20/25 17:00
460-326691-17	A3-1_3-5_20250520	Solid	05/20/25 14:20	05/20/25 17:00
460-326691-18	A3-1_8-10_20250520	Solid	05/20/25 14:25	05/20/25 17:00
460-326691-19	A3-1_13-15_20250520	Solid	05/20/25 14:30	05/20/25 17:00
460-326806-1	B4_0-5_20250522	Solid	05/22/25 12:00	05/22/25 17:00
460-326806-2	B4_5-10_20250522	Solid	05/22/25 12:05	05/22/25 17:00
460-326806-3	B4_10-15_20250522	Solid	05/22/25 12:15	05/22/25 17:00
460-326806-4	B4_15-20_20250522	Solid	05/22/25 14:00	05/22/25 17:00
460-326806-5	B1-B2_20-25_20250522	Solid	05/22/25 13:30	05/22/25 17:00
460-326806-6	B4-1B_3-5_20250522	Solid	05/22/25 09:55	05/22/25 17:00
460-326806-7	B4-1B_8-10_20250522	Solid	05/22/25 10:00	05/22/25 17:00
460-326806-8	B4-4_13-15_20250522	Solid	05/22/25 08:50	05/22/25 17:00
460-326806-9	B4-4_15-17_20250522	Solid	05/22/25 09:05	05/22/25 17:00
460-326806-10	B1-4_20-22_20250522	Solid	05/22/25 13:35	05/22/25 17:00
460-326877-1	A4_0-5_20250521	Solid	05/21/25 08:50	05/21/25 17:00
460-326877-2	A4_5-10_20250521	Solid	05/21/25 08:55	05/21/25 17:00
460-326877-3	A4-3_3-5_20250521	Solid	05/21/25 09:00	05/21/25 17:00
460-326877-4	A4-3_8-10_20250521	Solid	05/21/25 09:05	05/21/25 17:00
460-326877-5	B3_0-5_20250521	Solid	05/21/25 15:30	05/21/25 17:00
460-326877-6	B3_10-15_20250521	Solid	05/21/25 15:35	05/21/25 17:00
460-326877-7	B3_15-20_20250521	Solid	05/21/25 15:40	05/21/25 17:00
460-326877-8	B3_5-10_20250521	Solid	05/21/25 15:45	05/21/25 17:00
460-326877-9	B3-4_3-5_20250521	Solid	05/21/25 10:00	05/21/25 17:00
460-326877-10	B3-4_6-8_20250521	Solid	05/21/25 10:10	05/21/25 17:00
460-326877-11	B3-4_13-15_20250521	Solid	05/21/25 10:15	05/21/25 17:00
460-326877-12	B3-4_16-18_20250521	Solid	05/21/25 10:20	05/21/25 17:00
460-327048-1	A1_0-5_20250519	Solid	05/19/25 11:30	05/21/25 16:00
460-327048-2	A1_5-10_20250519	Solid	05/19/25 11:45	05/21/25 16:00
460-327048-3	A1_10-15_20250519	Solid	05/19/25 12:00	05/21/25 16:00
460-327048-4	A1_3-5_20250519	Solid	05/19/25 11:35	05/21/25 16:00
460-327048-5	A1_8-10_20250519	Solid	05/19/25 11:40	05/21/25 16:00
460-327048-6	A1_13-15_20250519	Solid	05/19/25 11:50	05/21/25 16:00
460-327048-7	B1_0-5_20250519	Solid	05/19/25 14:15	05/21/25 16:00
460-327048-8	B1_5-10_20250519	Solid	05/19/25 14:30	05/21/25 16:00
460-327048-9	B1_10-15_20250519	Solid	05/19/25 14:45	05/21/25 16:00
460-327048-10	B1_15-20_20250519	Solid	05/19/25 15:00	05/21/25 16:00
460-327048-11	B1_3-5_20250519	Solid	05/19/25 14:20	05/21/25 16:00
460-327048-12	B1_5-7_20250519	Solid	05/19/25 14:30	05/21/25 16:00
460-327048-13	B1_17-19_20250519	Solid	05/19/25 14:40	05/21/25 16:00

Sample Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-327048-14	B2_17-19_20250519	Solid	05/19/25 14:45	05/21/25 16:00
460-327048-15	B1_13-15_20250519	Solid	05/19/25 15:00	05/21/25 16:00

Hampton-Clarke Report Of Analysis

Client: Eurofins Environment Testing Northeast
HC Project #: 5052912
Project: 350 Grand Concourse

Sample ID: 460-326806-1
Lab#: AD52090-001
Matrix: Soil
Collection Date: 5/22/2025
Receipt Date: 5/29/2025

%Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		88

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.4	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID:	**460-326806-2**	**Collection Date:**	**5/22/2025**
Lab#:	**AD52090-002**	**Receipt Date:**	**5/29/2025**
Matrix:	**Soil**		

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**86**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.7	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326806-3
Lab#: AD52090-003
Matrix: Soil

Collection Date: 5/22/2025
Receipt Date: 5/29/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**91**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.2	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326806-4
Lab#: AD52090-004
Matrix: Soil

Collection Date: 5/22/2025
Receipt Date: 5/29/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**71**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	12	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326806-5
Lab#: AD52090-005
Matrix: Soil

Collection Date: 5/22/2025
Receipt Date: 5/29/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**73**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	11	ND

NOTE: Soil Results are reported to Dry Weight

5052912

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74302.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Hampton-Clarke, Inc		Accreditations Required (See note): NELAP - New York		Job #: 460-326806-1
Address: 175 Route 46 West, Unit D,	Due Date Requested: 5/30/2025			Preservation Codes: -
City: Fairfield	TAT Requested (days): N/A			
State, Zip: NJ, 07004				
Phone: N/A	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			Other: N/A
Site: N/A	SSOW#: N/A			

AD52090

	Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	SUB (EOX by 9023 + % Solids SM2540G)	EOX by 9023 + % Solids SM2540G	Special Instructions/Note:
001	B4_0-5_20250522 (460-326806-1)	5/22/25	12:00 Eastern	G	Solid		X	See Attached Instructions
002	B4_5-10_20250522 (460-326806-2)	5/22/25	12:05 Eastern	G	Solid		X	See Attached Instructions
003	B4_10-15_20250522 (460-326806-3)	5/22/25	12:15 Eastern	G	Solid		X	See Attached Instructions
004	B4_15-20_20250522 (460-326806-4)	5/22/25	14:00 Eastern	G	Solid		X	See Attached Instructions
005	B1-B2_20-25_20250522 (460-326806-5)	5/22/25	13:30 Eastern	G	Solid		X	See Attached Instructions

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditstion compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/28/25	ET		5/29/25 9:00	ET
2		5/29/25 10:48	ET		5/29/25 10:43	ET
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1

ICOC No:
460-74302

Containers

Count	Container Type	Preservative
5	Soil Jar 4oz Plastic	None

Subcontract Method Instructions

Sample IDs	Method	Method Description	Method Comments
1, 2, 3, 4, 5	SUBCONTRACT	SUB (EOX by 9023 + % Solids SM2540G)/ EOX by 9023 + % Solids SM2540G	Level 1 report

Hampton-Clarke Report Of Analysis

Client: Eurofins Environment Testing Northeast
HC Project #: 5060209
Project: 350 Grand Concourse

Sample ID: 460-326691-1
Lab#: AD52158-001
Matrix: Soil
Collection Date: 5/20/2025
Receipt Date: 6/2/2025

%Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		85

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.8	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-2
Lab#: AD52158-002
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**75**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	11	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-3
Lab#: AD52158-003
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**88**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.5	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-4
Lab#: AD52158-004
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**80**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	10	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-8
Lab#: AD52158-005
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**91**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.2	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-9
Lab#: AD52158-006
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**90**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.3	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-10
Lab#: AD52158-007
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**90**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.2	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-14
Lab#: AD52158-008
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**92**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.1	ND

Sample ID: 460-326691-15
Lab#: AD52158-009
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**91**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.2	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-16
Lab#: AD52158-010
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**89**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.4	ND

NOTE: Soil Results are reported to Dry Weight

Eurofins Edison
777 New Durhem Roed
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

5060209

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74343.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Hempton-Clerke, Inc		Accreditations Required (See note): NELAP - New York		Job #: 460-326691-1
Address: 175 Route 46 West, Unit D,	Due Date Requested: 6/4/2025			Preservation Codes: -
City: Fairfield	TAT Requested (days): N/A			
State, Zip: NJ, 07004				
Phone: N/A	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 350 Grend Concourse	Project #: 46036096			
Site: N/A	SSOW#: N/A			Other: N/A

AD52158

	Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Analysis Requested: SUB (EOX by 9023 + % Solids SM2540G; EOX by 9023 + % Solids SM2540G)	Special Instructions/Note:
001	B2_0-5_20250520 (460-326691-1)	5/20/25	09:00 Eastern	G	Solid	X	See Attached Instructions
002	B2_5-10_20250520 (460-326691-2)	5/20/25	09:05 Eastern	G	Solid	X	See Attached Instructions
003	B2_10-15_20250520 (460-326691-3)	5/20/25	09:10 Eastern	G	Solid	X	See Attached Instructions
004	B2_15-20_20250520 (460-326691-4)	5/20/25	09:15 Eastern	G	Solid	X	See Attached Instructions
005	A2_0-5_20250520 (460-326691-8)	5/20/25	12:00 Eastern	G	Solid	X	See Attached Instructions
006	A2_5-10_20250520 (460-326691-9)	5/20/25	12:05 Eastern	G	Solid	X	See Attached Instructions
007	A2_10-15_20250520 (460-326691-10)	5/20/25	12:10 Eastern	G	Solid	X	See Attached Instructions
008	A3_0-5_20250520 (460-326691-14)	5/20/25	14:00 Eastern	G	Solid	X	See Attached Instructions
009	A3_5-10_20250520 (460-326691-15)	5/20/25	14:10 Eastern	G	Solid	X	See Attached Instructions

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Leb ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time: Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	5/30/25	EET		6-2-25 9:00	ES
Relinquished by:	6-2-25 12:34	EET		6/2/25 12:39	HC
Relinquished by:			Received by:		

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.7

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

5060209

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74343.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Hampton-Clarke, Inc		Accreditations Required (See note): NELAP - New York		Job #: 460-326691-1
Address: 175 Route 46 West, Unit D,	Due Date Requested: 6/4/2025			Preservation Codes: -
City: Fairfield	TAT Requested (days): N/A			
State, Zip: NJ, 07004				
Phone: N/A	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 350 Grand Concourse	Project #: 46036096			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	SUB (EOX by 9023 + % Solids SM2540G)/ EOX by 9023 + % Solids SM2540G	Special Instructions/Note:
AD52158						
010 A3_10-15_20250520 (460-326691-16)	5/20/25	14:15 Eastern	G	Solid	X	See Attached Instructions

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 5/30/25	Company: ESE	Received by:	Date/Time: 6-2-25 9:00	Company: FedEx
Relinquished by:	Date/Time: 6/2/25 12:34	Company: CCO	Received by:	Date/Time: 6/2/25 12:39	Company: FedEx
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

ICOC No:
460-74343

Containers

Count	Container Type	Preservative
10	Soil jar 4oz - clear glass	None

Subcontract Method Instructions

Sample IDs	Method	Method Description	Method Comments
1, 2, 3, 4, 8, 9, 10, 14, 15, 16	SUBCONTRACT	SUB (EOX by 9023 + % Solids SM2540G)/ EOX by 9023 + % Solids SM2540G	Level 1 report

Hampton-Clarke Report Of Analysis

Client: Eurofins Environment Testing Northeast
HC Project #: 5060212
Project: 350 Grand Concourse

Sample ID: 460-326877-5
Lab#: AD52161-001
Matrix: Soil
Collection Date: 5/21/2025
Receipt Date: 6/2/2025

%Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		88

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.5	ND

NOTE: Soil Results are reported to Dry Weight

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

5060212

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74344.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flennery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Hampton-Clarke, Inc		Accreditations Required (See note): NELAP - New York		Job #: 460-326877-1
Address: 175 Route 46 West, Unit D,	Due Date Requested: 6/4/2025			Preservation Codes: -
City: Fairfield	TAT Requested (days): N/A			
State, Zip: NJ, 07004				
Phone: N/A	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	SUB (EOX by 9023 + % Solids SM2540G) EOX by 9023 + % Solids SM2540G	Special Instructions/Note:
AD52161						
001 B3_0-5_20250521 (460-326877-5)	5/21/25	15:30 Eastern	G	Solid	X	See Attached Instructions

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/30/25	Eurofins		6.2.25 9:00	ESS
2	Relinquished by:	Date/Time: 6-2-25 12:34	Company CES	Received by:	Date/Time: 6/2/25 12:39	Company ET
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.7

6/13/2025

ICOC No:
460-74344

Containers

Count	Container Type	Preservative
1	Soil jar 4oz - clear glass	None

Subcontract Method Instructions

Sample IDs	Method	Method Description	Method Comments
5	SUBCONTRACT	SUB (EOX by 9023 + % Solids SM2540G)/ EOX by 9023 + % Solids SM2540G	Level 1 report

Hampton-Clarke Report Of Analysis

Client: Eurofins Environment Testing Northeast
HC Project #: 5060214
Project: 350 Grand Concourse

Sample ID: 460-326877-1
Lab#: AD52163-001
Matrix: Soil
Collection Date: 5/21/2025
Receipt Date: 6/2/2025

%Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		90

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.3	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326877-2
Lab#: AD52163-002
Matrix: Soil

Collection Date: 5/21/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**91**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.2	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326877-6
Lab#: AD52163-003
Matrix: Soil

Collection Date: 5/21/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**89**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.4	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326877-7
Lab#: AD52163-004
Matrix: Soil

Collection Date: 5/21/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**74**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	11	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326877-8
Lab#: AD52163-005
Matrix: Soil

Collection Date: 5/21/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**81**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	10	ND

NOTE: Soil Results are reported to Dry Weight

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

5060214

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74343.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Hampton-Clarke, Inc		Accreditations Required (See note): NELAP - New York		Job #: 460-326877-1
Address: 175 Route 46 West, Unit D,	Due Date Requested: 6/4/2025			Preservation Codes: -
City: Fairfield	TAT Requested (days): N/A			
State, Zip: NJ, 07004				
Phone: N/A	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

	Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	SUB (EOX by 9023 + % Solids SM2540G)/ EOX by 9023 + % Solids SM2540G	Special Instructions/Note:
	AD52163						
001	A4_0-5_20250521 (460-326877-1)	5/21/25	08:50 Eastern	G	Solid	X	See Attachad Instructiona
002	A4_5-10_20250521 (460-326877-2)	5/21/25	08:55 Eastern	G	Solid	X	Sea Attached Instructiona
003	B3_10-15_20250521 (460-326877-6)	5/21/25	15:35 Eastern	G	Solid	X	See Attached Instructions
004	B3_15-20_20250521 (460-326877-7)	5/21/25	15:40 Eastern	G	Solid	X	Sea Attachad Instructiona
005	B3_5-10_20250521 (460-326877-8)	5/21/25	15:45 Eastern	G	Solid	X	Sea Attachad Instructions

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/30/25			6/2/25 9:00	
2	Relinquished by:	Date/Time: 6/2/25 12:54	Company	Received by:	Date/Time: 6/2/25 12:39	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.7

6/13/2025

iCOC No:
460-74343

Containers

Count	Container Type	Preservative
5	Soil jar 4oz - clear glass	None

Subcontract Method Instructions

Sample iDs	Method	Method Description	Method Comments
1, 2, 6, 7, 8	SUBCONTRACT	SUB (EOX by 9023 + % Solids SM2540G)/ EOX by 9023 + % Solids SM2540G	Level 1 report

Hampton-Clarke Report Of Analysis

Client: Eurofins Environment Testing Northeast
HC Project #: 5060216
Project: 350 Grand Concourse

Sample ID: 460-327048-1
Lab#: AD52165-001
Matrix: Soil
Collection Date: 5/19/2025
Receipt Date: 6/2/2025

%Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		90

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.3	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID:	**460-327048-2**	**Collection Date:**	**5/19/2025**
Lab#:	**AD52165-002**	**Receipt Date:**	**6/2/2025**
Matrix:	**Soil**		

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**93**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.0	ND

Sample ID: 460-327048-3
Lab#: AD52165-003
Matrix: Soil

Collection Date: 5/19/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**89**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.4	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID:	**460-327048-7**	**Collection Date:**	**5/19/2025**
Lab#:	**AD52165-004**	**Receipt Date:**	**6/2/2025**
Matrix:	**Soil**		

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**90**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.3	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID:	**460-327048-8**	**Collection Date:**	**5/19/2025**
Lab#:	**AD52165-005**	**Receipt Date:**	**6/2/2025**
Matrix:	**Soil**		

%Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	**1**	**percent**		**90**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.3	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-327048-9
Lab#: AD52165-006
Matrix: Soil

Collection Date: 5/19/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**91**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.2	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-327048-10
Lab#: AD52165-007
Matrix: Soil

Collection Date: 5/19/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**88**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.5	ND

NOTE: Soil Results are reported to Dry Weight

Eurofins Edison
777 New Durham Roed
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

5060216

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flennery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74343.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flennery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Hampton-Clarke, Inc		Accreditations Required (See note): NELAP - New York		Job #: 460-327048-1
Address: 175 Route 46 West, Unit D,	Due Date Requested: 5/28/2025			
City: Fairfield	TAT Requested (days): N/A			
State, Zip: NJ, 07004				
Phone: N/A	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 350 Grend Concourse, Bronx, NY	Project #: 46036096			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

AD52165

	Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	SUB (EOX by 9023 + % Solids SM2540G; EOX by 9023 + % Solids SM2540G)	Special Instructions/Note:
001	A1-0-5_20250519 (460-327048-1)	5/19/25	11:30 Eastern	G	Solid	X	See Attached Inatructions
002	A1-5-10_20250519 (460-327048-2)	5/19/25	11:45 Eastern	G	Solid	X	See Attached Instructions
003	A1-10-15_20250519 (460-327048-3)	5/19/25	12:00 Eastern	G	Solid	X	See Attached Inatructions
004	B1-0-5_20250519 (460-327048-7)	5/19/25	14:15 Eastern	G	Solid	X	See Attached Inatructions
005	B1-5-10_20250519 (460-327048-8)	5/19/25	14:30 Eastern	G	Solid	X	See Attached Inatructions
006	B1-10-15_20250519 (460-327048-9)	5/19/25	14:45 Eastern	G	Solid	X	See Attached Inatructions
007	B1-15-20_20250519 (460-327048-10)	5/19/25	15:00 Eastern	G	Solid	X	See Attached Inatructions

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposel By Leb ☐ Archive For _____ Months
Delivereble Requested: I, II, III, IV, Other (specify) Primery Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Dete:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	[signature]	5/30/25	[illegible]	[signature]	6/2/25 12:40	HC
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.7

6/13/2025

ICOC No:
460-74343

Containers

Count	Container Type	Preservative
7	Soil jar 4oz - clear glass	None

Subcontract Method Instructions

Sample IDs	Method	Method Description	Method Comments
1, 2, 3, 7, 8, 9, 10	SUBCONTRACT	SUB (EOX by 9023 + % Solids SM2540G)/ EOX by 9023 + % Solids SM2540G	Level 1 report

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins

Client Information	Sampler:	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194889-127496.3
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 3 of 3~~ 1 of 2
Company: AKRF Inc	PWSID:	Analysis Requested		Job #: 326691
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			Other 326691

460-326691 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1030, 6020B, 7196A, 7471B, 8081B, 8082A, 8161A, 8270E, 9012B, 9014, ReactiveCN, 9034, Reactive, 9045D, NJEPH	6020B, 7470A	SUBCONTRACT EOX by 9023 + % Solids SM2540G	9095B Paint Filter	TPH - DRO +GRO	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N			
B2-0-5_20250520	5/20/25	0900	C	Solid			X	X	X				1
B2-5-10_20250520		0905	↓	Solid			X	X	X				2
B2-10-15_20250520		0910	↓	Solid			X	X	X				3
B2-15-20_20250520		0915	↓	Solid			X	X	X				4
B2-3-5_20250520		0845	G	Solid							X		5
B2-8-10_20250520		0850	↓	Solid							X		6
B2-13-15_20250520		0855	↓	Solid							X		7
A2-0-5_20250520		1200	C	Solid			X	X	X				8
A2-5-10_20250520		1205	↓	Solid			X	X	X				9
A2-10-15_20250520		1210	↓				X	X	X				10
A2-3-3-5_20250520	↓	1130	G								X		11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements: Report SDG open; NJDEP Required

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: [signature]	Date/Time: 5/20/25	Company: AKRF	Received by: [signature] 05-20-25 Date/Time: 3:20PM Company: ETA
Relinquished by: [signature] 05-20-25	Date/Time: 1700 ETA	Company	Received by: [signature] Date/Time: 5/20/25 24:00 Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: 17:00 Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: On ice

Cooler Temperature(s) °C and Other Remarks: 4.0/4.4 °C IR#9

Ver: 10/10/2024

Chain of Custody Record 761315

eurofins | Environment Testing

Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Tim Wiles	Site Contact: M Mw	Date: 5/20/25	COC No: 2 of 2 COCs
Company Name: ALR	Tel/Email	Lab Contact:	Carrier:	Sampler:
Address	Analysis Turnaround Time			For Lab Use Only:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
Phone	TAT if different from Below _____			Lab Sampling:
Fax:	☐ 2 weeks			
Project Name: 350 Grand Avenue	☐ 1 week			Job / SDG No. 326691
Site	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	1030, 6020B, 7196A	7471B, 8081B, 8082A	8151A, 8270E, 9012B	9014_Reactive CN	9034_Reactive S	9045D	9251	300.0_Sulfate	6010B, 7470A	EDX by 9013/9056A	TPH-DRO (8015D)	Sample Specific Notes.
AZ-3-10-12_20250520	5/20/25	1135	G	Water	3												X		-12
AZ-3-8-10_20250520		1140	↓		3												X		-13
A3-0-5_20250520		1400	C		3			X	X	X	X	X	X	X	X	X			-14
A3-5-10_20250520		1410	↓		3			X	X	X	X	X	X	X	X	X			-15
A3-10-15_20250520		1415	↓		3			X	X	X	X	X	X	X	X	X			-16
A3-1-3-5_20250520		1420	G		3												X		-17
A3-1-8-10_20250520		1425	↓		3												X		-18
A3-1-13-15_20250520	↓	1430	↓	↓	3												X		-19

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No. _____	
Relinquished by:	Company: ALR	Date/Time: 5/20/25	Received by:	Company: ETA 05-20-25	Date/Time: 3:30PM	
Relinquished by: ETA	Company: 05-20-25 1700	Date/Time:	Received by:	Company:	Date/Time: 5/21/25	
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:	

On ice

4.0/4.4 °c IR#9

6/18/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326691

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	4.0 °C	4.4 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: [illegible] Date: 5/20/25

B1

Chain of Custody Record

674145

eurofins | Environment Testing America

Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Ken Wells	Site Contact:	Date: 5/22/25	COC No:
Company Name: AKRF	Tel/Email	Lab Contact:	Carrier:	1 of 1 COCs
Address: 440 Park Ave S, Fl 7	Analysis Turnaround Time			Sampler:
City/State/Zip: NY NY 10016	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: 350 Grand Concourse	☐ 1 week			Job / SDG No.
Site:	☐ 2 days			326866
P O #	☐ 1 day			326866

SHC
HOI

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:
B4_0-5_20250522	5/22/25	1200	C	Solid	3			-1
B4_5-10_20250522		1205						-2
B4_10-15_20250522		1215						-3
B4_15-20_20250522		1400						-4
B1-B2_20-25_20250522		1330						-5
B4-B3_3-5_20250522		0955	G					-6
B4-B3_8-10_20250522		1000						-7
B4-4_13-15_20250522		0850						-8
B4-4_15-17_20250522		0905						-9
B1-4_20-22_20250522		1335						-10

460-326806 Chain of Custody

Elmsford 272

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

CLOSE SDG; NJ Reduced ON ice

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	AKRF	5/22/25	[signature] ETA 05-22-25		4:00 PM
[signature]	ETA 05-22-25		[signature]	ETA	5/22/25 1700
	Company	Date/Time:	Received in Laboratory by	Company	Date/Time:

6/13/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326806

Number of Coolers: 1 IR Gun # _____

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	°C	°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below

Sample No(s) adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials PN Date: 5/24/25

Chain of Custody Record 761314

eurofins | Environment Testing

ddress. NYC 222

WC

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Ken Wiles	Site Contact: M Miller	Date: 5/21/25
Company Name: AKRF	Tel/Email	Lab Contact:	Carrier:
Address: 440 Park Ave S Fl	Analysis Turnaround Time		
City/State/Zip: NY NY 10016	☐ CALENDAR DAYS ☐ WORKING DAYS		
Phone:	TAT if different from Below		
Fax:	☐ 2 weeks		
Project Name: 350 Grand Concourse	☐ 1 week		
Site:	☐ 2 days		
P O #	☐ 1 day		

COC No: 1 of 1 COCs

Sampler:

For Lab Use Only:
Walk-in Client:
Lab Sampling:

Job / SDG No.: 326877

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	1030,6020B 7196A	7471B,8081B,8082A	8151A,8270E,9010B	9014-Reactive CN	9034 - Reactive	9045D	NJ EPH	6020B 7470A	EOX by 9023 or % Solid	TPH-GRO 1D120	Sample Specific Notes:
A4-0-5_20250521	5/21/25	0850	C	Solid	3			X	X	X	X	X	X	X	X			1
A4-5-10_20250521		0855	C		3			X	X	X	X	X	X	X	X			2
A4-3-3-5_20250521		0900	G		3											X		3
A4-3-8-10_20250521		0905	G		3											X		4
B3-0-5_20250521		1530	C		3			X	X	X	X	X	X	X	X			5
B3-10-15_20250521		1535						X	X	X	X	X	X	X	X			6
B3-15-20_20250521		1540						X	X	X	X	X	X	X	X			7
B3-5-10_20250521		1545	↓					X	X	X	X	X	X	X	X			8
B3-4-3-5_20250521		1000	G													X		9
B3-4-6-8_20250521		1010														X		10
B3-4-13-15_20250521		1015														X		11
B3-4-16-18_20250521	↓	1020	↓	↓	↓													12

460-326877 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

NJ Reduced; keep SDG open

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | Cooler Temp. (°C): Obs'd. 3.4 Corr'd. 3.8 | Therm ID No.: 9

	Company	Date/Time		Company	Date/Time
Relinquished by: M Miller	AKRF	5/21/25 1700	Received by:	TA NYC	05/21/25 17 00
Relinquished by:	TA NYC	05/21/25 17 30	Received by:		
Relinquished by:	Company	Date/Time	Received in Laboratory by:	Company	Date/Time:

6/13/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326877

Number of Coolers: 1 IR Gun # _____

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	3.4 °C	3.4 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials _____ Date: _____

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

YC 223

Chain of Custody Record

UC

eurofins

Client Information	Sampler: M Miller	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194889-127496.1
Client Contact: Mr Kenneth Wiles	Phone: (631) 357-9404	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: AKRF Inc	PWSID:			Job #: 327048
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None

460-327048 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1030, 6020B, 7196A, 7471B, 8081B, 8082A, 8151A, 8270E, 9012B, 9014, 9014_ReactiveCN, 9034_Reactive, 9046D, NJEPH	6020B, 7470A	SUBCONTRACT EOX by 9023 + % Solids SM2540G	9095B Paint Filter	TPH-GRO /DRO	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N			
A1-0-5_20250519	5/19/25	1130	C	Solid			X	X	X			3	
A1-5-10_20250519		1145		Solid			X	X	X	X			
A1-10-15_20250519		1200	↓	Solid			X	X	X				
A1-3-5_20250519		1135	G	Solid							X		
A1-8-10_20250519		1140		Solid							X		
A1-13-15_20250519		1150	↓	Solid							X		
B1-0-5_20250519		1415	C	Solid			X	X	X				
B1-5-10_20250519		1430		Solid			X	X	X				
B1-10-15_20250519		1445		Solid			X	X	X				
B1-15-20_20250519		1500	↓	Solid			X	X	X				
B1-3-5_20250519	↓	1420	G	Solid							X	↓	

Other:

Page 412 of 418

1 2 3 4 5 6 7 8 9 10 11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III IV Other (specify)

Special Instructions/QC Requirements: Reprive SDG open; NJ Reduced 5.2°C

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	M Miller	5/19/25 1845	AKRF			
2		05/20/25 17.00	TA NYC			
3				Rosen	5/21 1606	BTA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

6/13/2025

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

NYC 222

Chain of Custody Record

WC

eurofins

Client Information	Sampler	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194889-127496.2
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: AKRF Inc	PWSID:			Job #: 329048
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf com	WO #:			
Project Name: 350 Grand Concourse Bronx, NY	Project #: 46036096			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1030, 6020B, 7196A, 7471B, 8081B, 8082A, 8151A, 8270E, 9012B, 9014_ReactiveCN, 9034_Reactive, 9045D, NJEPH	6020B, 7470A	SUBCONTRACT EOX by 9023 + % Solids SM2540G	8095B Paint Filter	TPH - GRO/DRO	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N			
B1-5-7_20250519	5/19/25	1430	G	Solid							X	3	
B1-17-19_20250519	↓	1440	↓	Solid							X	3	
B2-17-19_20250519	↓	1445	G	Solid							X	3	
B1-13-15_20250519	↓	1500	G	Solid							X	3	
				Solid									
				Solid									
				Solid									
				Solid									
				Solid									
				Solid									
				Solid									

Page 413 of 418

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements: 5.2°C

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		5/19/25 1845	AKRF		05/19/25 18:45	TA NYC
2		05/19/25 1900	TA NYC		Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/21 1600	Company ETA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks.

Ver 10/10/2024

6/13/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Page ____ of ____

Job Number: 320048

Number of Coolers: _____ IR Gun # _____

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	℃	℃	Cooler #4:	℃	℃	Cooler #7:	℃	℃
Cooler #2:	℃	℃	Cooler #5:	℃	℃	Cooler #8:	℃	℃
Cooler #3:	℃	℃	Cooler #6:	℃	℃	Cooler #9:	℃	℃

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: DONE Date: 12/2/19

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326691-1

Login Number: 326691
List Number: 1
Creator: Casallas, Angela C

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Refer to Job Narrative for details.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326691-1

Login Number: 326806
List Number: 1
Creator: Kovitch, Christina M

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326691-1

Login Number: 326877
List Number: 1
Creator: Khlungprakhon, Sukanya

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326691-1

Login Number: 327048
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kenneth Wiles
AKRF Inc
440 Park Avenue South
7th Floor
New York, New York 10016

Generated 6/13/2025 8:48:07 AM

JOB DESCRIPTION

350 Grand Concourse, Bronx, NY

JOB NUMBER

460-326802-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

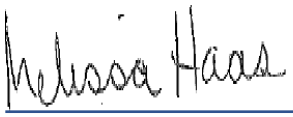
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Generated
6/13/2025 8:48:07 AM

Authorized for release by
Melissa Haas, Senior Project Manager
Melissa.Haas@et.eurofinsus.com
Designee for
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 8
Isotope Dilution Summary 17
QC Sample Results 20
QC Association Summary 41
Lab Chronicle 43
Certification Summary 44
Method Summary 46
Sample Summary 47
Chain of Custody 48
Receipt Checklists 54

Definitions/Glossary

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 460-326802-1 Eurofins Edison

Job Narrative
460-326802-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/20/2025 5:00 PM, 5/21/2025 4:00 PM and 5/21/2025 5:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

Receipt Exceptions
The Field Sampler was not listed on the Chain of Custody for the following job: 460- 327253

PFAS
Method 1633_Final - SPLP East: Analyte Perfluorooctanoic acid (PFOA) was marked as non-detect for sample SB-08_0-2_20250520 (460-326802-1) due to a detection below RL and failing ion ratio.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326802-1

Client Sample ID: SB-08_0-2_20250520 — Lab Sample ID: 460-326802-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	1.81		1.80	0.54	ng/L	1		Draft-4 1633	SPLP East
Perfluorohexanoic acid (PFHxA)	1.49	J	1.80	0.45	ng/L	1		Draft-4 1633	SPLP East
Perfluoroheptanoic acid (PFHpA)	0.83	J	1.80	0.72	ng/L	1		Draft-4 1633	SPLP East
Perfluorononanoic acid (PFNA)	2.36		1.80	0.45	ng/L	1		Draft-4 1633	SPLP East
Perfluorodecanoic acid (PFDA)	1.86		1.80	0.45	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanesulfonic acid (PFOS)	15.5		1.80	0.45	ng/L	1		Draft-4 1633	SPLP East

Client Sample ID: R1-SB-21_0-2_20250520 — Lab Sample ID: 460-326802-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.58	J	1.83	0.46	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanoic acid (PFOA)	1.26	J	1.83	0.82	ng/L	1		Draft-4 1633	SPLP East
Perfluorononanoic acid (PFNA)	1.25	J	1.83	0.46	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanesulfonic acid (PFOS)	19.0		1.83	0.46	ng/L	1		Draft-4 1633	SPLP East

Client Sample ID: IRM-EX-025_7.5_20250520 — Lab Sample ID: 460-326802-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	3.72		1.88	0.56	ng/L	1		Draft-4 1633	SPLP East
Perfluorohexanoic acid (PFHxA)	4.07		1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluoroheptanoic acid (PFHpA)	2.64		1.88	0.75	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanoic acid (PFOA)	17.6		1.88	0.84	ng/L	1		Draft-4 1633	SPLP East
Perfluorononanoic acid (PFNA)	2.02		1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluorodecanoic acid (PFDA)	0.66	J	1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluorohexanesulfonic acid (PFHxS)	0.90	J	1.88	0.75	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanesulfonic acid (PFOS)	60.0		1.88	0.47	ng/L	1		Draft-4 1633	SPLP East

Client Sample ID: SB-01_0-2_20250520 — Lab Sample ID: 460-326802-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	1.96	J	3.75	1.03	ng/L	1		Draft-4 1633	SPLP East
Perfluoropentanoic acid (PFPeA)	5.34		1.88	0.56	ng/L	1		Draft-4 1633	SPLP East
Perfluorohexanoic acid (PFHxA)	3.71		1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluoroheptanoic acid (PFHpA)	3.28		1.88	0.75	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanoic acid (PFOA)	17.0		1.88	0.84	ng/L	1		Draft-4 1633	SPLP East
Perfluorononanoic acid (PFNA)	3.32		1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluorodecanoic acid (PFDA)	2.15		1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluorobutanesulfonic acid (PFBS)	0.62	J	1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluorohexanesulfonic acid (PFHxS)	22.9		1.88	0.75	ng/L	1		Draft-4 1633	SPLP East
Perfluoroheptanesulfonic acid (PFHpS)	0.70	J	1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanesulfonic acid (PFOS)	66.7		1.88	0.47	ng/L	1		Draft-4 1633	SPLP East

Client Sample ID: SB-09_0-2_20250519 — Lab Sample ID: 460-327253-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.41	J	3.25	0.89	ng/L	1		Draft-4 1633	SPLP East
Perfluoropentanoic acid (PFPeA)	1.36	J	1.63	0.49	ng/L	1		Draft-4 1633	SPLP East
Perfluorohexanoic acid (PFHxA)	1.55	J	1.63	0.41	ng/L	1		Draft-4 1633	SPLP East
Perfluoroheptanoic acid (PFHpA)	0.83	J	1.63	0.65	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanoic acid (PFOA)	1.80		1.63	0.73	ng/L	1		Draft-4 1633	SPLP East
Perfluorononanoic acid (PFNA)	1.26	J	1.63	0.41	ng/L	1		Draft-4 1633	SPLP East
Perfluorodecanoic acid (PFDA)	1.42	J	1.63	0.41	ng/L	1		Draft-4 1633	SPLP East

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: SB-09_0-2_20250519 (Continued)
Lab Sample ID: 460-327253-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	1.14	J	1.63	0.41	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanesulfonic acid (PFOS)	2.62		1.63	0.41	ng/L	1		Draft-4 1633	SPLP East

This Detection Summary does not include radiochemical test results.

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SB-08_0-2_20250520
Lab Sample ID: 460-326802-1
Date Collected: 05/20/25 13:00
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.59	U	3.59	0.99	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoropentanoic acid (PFPeA)	**1.81**		1.80	0.54	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorohexanoic acid (PFHxA)	**1.49**	**J**	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoroheptanoic acid (PFHpA)	**0.83**	**J**	1.80	0.72	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorooctanoic acid (PFOA)	2.05	U	2.05	2.05	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorononanoic acid (PFNA)	**2.36**		1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorodecanoic acid (PFDA)	**1.86**		1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoroundecanoic acid (PFUnA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorododecanoic acid (PFDoA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorotridecanoic acid (PFTrDA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorotetradecanoic acid (PFTeDA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorobutanesulfonic acid (PFBS)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoropentanesulfonic acid (PFPeS)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorohexanesulfonic acid (PFHxS)	1.80	U	1.80	0.72	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoroheptanesulfonic acid (PFHpS)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorooctanesulfonic acid (PFOS)	**15.5**		1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorononanesulfonic acid (PFNS)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorodecanesulfonic acid (PFDS)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorododecanesulfonic acid (PFDoS)	1.80	U	1.80	0.54	ng/L		06/10/25 10:23	06/11/25 10:33	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.59	U	3.59	0.90	ng/L		06/10/25 10:23	06/11/25 10:33	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.59	U	3.59	0.90	ng/L		06/10/25 10:23	06/11/25 10:33	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.59	U	3.59	0.90	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorooctanesulfonamide (PFOSA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.99	U	8.99	2.25	ng/L		06/10/25 10:23	06/11/25 10:33	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.99	U	8.99	2.25	ng/L		06/10/25 10:23	06/11/25 10:33	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.80	U	1.80	0.67	ng/L		06/10/25 10:23	06/11/25 10:33	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1

Client Sample ID: SB-08_0-2_20250520
Lab Sample ID: 460-326802-1
Date Collected: 05/20/25 13:00
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.59	U	3.59	0.90	ng/L		06/10/25 10:23	06/11/25 10:33	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.99	U	8.99	2.52	ng/L		06/10/25 10:23	06/11/25 10:33	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.99	U	8.99	2.25	ng/L		06/10/25 10:23	06/11/25 10:33	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*97.7*		*5 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C5-PFPeA	*93.8*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C5-PFHxA	*93.2*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C4-PFHpA	*90.9*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C8-PFOA	*91.0*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C9-PFNA	*95.4*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C6-PFDA	*91.0*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C7-PFUnA	*101*		*30 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C2-PFTeDA	*70.0*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C3-PFBS	*96.4*		*40 - 135*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C3-PFHxS	*90.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C8-PFOS	*89.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C8-PFOSA	*77.1*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
d3-NMeFOSAA	*83.3*		*40 - 170*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
d5-NEtFOSAA	*67.2*		*25 - 135*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C2 4:2 FTS	*118*		*40 - 200*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C2 6:2 FTS	*118*		*40 - 200*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C2 8:2 FTS	*92.4*		*40 - 300*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C3-HFPO-DA	*89.9*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
D7-NMeFOSE	*56.3*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
D9-NEtFOSE	*48.2*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
d5-NEtPFOSA	*66.6*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
d3-NMePFOSA	*68.2*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C2 PFDoA	*90.6*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*

Client Sample ID: R1-SB-21_0-2_20250520
Lab Sample ID: 460-326802-3
Date Collected: 05/20/25 11:00
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.66	U	3.66	1.01	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoropentanoic acid (PFPeA)	1.83	U	1.83	0.55	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorohexanoic acid (PFHxA)	**0.58**	**J**	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoroheptanoic acid (PFHpA)	1.83	U	1.83	0.73	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorooctanoic acid (PFOA)	**1.26**	**J**	1.83	0.82	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorononanoic acid (PFNA)	**1.25**	**J**	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorodecanoic acid (PFDA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoroundecanoic acid (PFUnA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorododecanoic acid (PFDoA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: R1-SB-21_0-2_20250520
Lab Sample ID: 460-326802-3
Date Collected: 05/20/25 11:00
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotridecanoic acid (PFTrDA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorotetradecanoic acid (PFTeDA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorobutanesulfonic acid (PFBS)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoropentanesulfonic acid (PFPeS)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorohexanesulfonic acid (PFHxS)	1.83	U	1.83	0.73	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoroheptanesulfonic acid (PFHpS)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorooctanesulfonic acid (PFOS)	**19.0**		1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorononanesulfonic acid (PFNS)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorodecanesulfonic acid (PFDS)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorododecanesulfonic acid (PFDoS)	1.83	U	1.83	0.55	ng/L		06/10/25 10:23	06/11/25 10:46	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.66	U	3.66	0.92	ng/L		06/10/25 10:23	06/11/25 10:46	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.66	U	3.66	0.92	ng/L		06/10/25 10:23	06/11/25 10:46	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.66	U	3.66	0.92	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorooctanesulfonamide (PFOSA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	9.15	U	9.15	2.29	ng/L		06/10/25 10:23	06/11/25 10:46	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	9.15	U	9.15	2.29	ng/L		06/10/25 10:23	06/11/25 10:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.83	U	1.83	0.69	ng/L		06/10/25 10:23	06/11/25 10:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.66	U	3.66	0.92	ng/L		06/10/25 10:23	06/11/25 10:46	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	9.15	U	9.15	2.56	ng/L		06/10/25 10:23	06/11/25 10:46	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	9.15	U	9.15	2.29	ng/L		06/10/25 10:23	06/11/25 10:46	1

Client Sample ID: R1-SB-21_0-2_20250520
Lab Sample ID: 460-326802-3

Date Collected: 05/20/25 11:00
Matrix: Solid
Date Received: 05/20/25 17:00

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4-PFBA	98.9		5 - 130	06/10/25 10:23	06/11/25 10:46	1
13C5-PFPeA	93.8		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C5-PFHxA	93.3		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C4-PFHpA	96.0		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C8-PFOA	97.1		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C9-PFNA	96.2		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C6-PFDA	95.8		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C7-PFUnA	104		30 - 130	06/10/25 10:23	06/11/25 10:46	1
13C2-PFTeDA	81.3		10 - 130	06/10/25 10:23	06/11/25 10:46	1
13C3-PFBS	98.9		40 - 135	06/10/25 10:23	06/11/25 10:46	1
13C3-PFHxS	93.5		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C8-PFOS	92.3		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C8-PFOSA	81.6		40 - 130	06/10/25 10:23	06/11/25 10:46	1
d3-NMeFOSAA	81.3		40 - 170	06/10/25 10:23	06/11/25 10:46	1
d5-NEtFOSAA	68.2		25 - 135	06/10/25 10:23	06/11/25 10:46	1
13C2 4:2 FTS	109		40 - 200	06/10/25 10:23	06/11/25 10:46	1
13C2 6:2 FTS	109		40 - 200	06/10/25 10:23	06/11/25 10:46	1
13C2 8:2 FTS	85.0		40 - 300	06/10/25 10:23	06/11/25 10:46	1
13C3-HFPO-DA	94.6		40 - 130	06/10/25 10:23	06/11/25 10:46	1
D7-NMeFOSE	68.2		10 - 130	06/10/25 10:23	06/11/25 10:46	1
D9-NEtFOSE	63.6		10 - 130	06/10/25 10:23	06/11/25 10:46	1
d5-NEtPFOSA	72.4		10 - 130	06/10/25 10:23	06/11/25 10:46	1
d3-NMePFOSA	78.6		10 - 130	06/10/25 10:23	06/11/25 10:46	1
13C2 PFDoA	97.3		10 - 130	06/10/25 10:23	06/11/25 10:46	1

Client Sample ID: IRM-EX-025_7.5_20250520
Lab Sample ID: 460-326802-5

Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.75	U	3.75	1.03	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoropentanoic acid (PFPeA)	**3.72**		1.88	0.56	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorohexanoic acid (PFHxA)	**4.07**		1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoroheptanoic acid (PFHpA)	**2.64**		1.88	0.75	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorooctanoic acid (PFOA)	**17.6**		1.88	0.84	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorononanoic acid (PFNA)	**2.02**		1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorodecanoic acid (PFDA)	**0.66**	**J**	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoroundecanoic acid (PFUnA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorododecanoic acid (PFDoA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorotridecanoic acid (PFTrDA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorotetradecanoic acid (PFTeDA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorobutanesulfonic acid (PFBS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoropentanesulfonic acid (PFPeS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorohexanesulfonic acid (PFHxS)	**0.90**	**J**	1.88	0.75	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoroheptanesulfonic acid (PFHpS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorooctanesulfonic acid (PFOS)	**60.0**		1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorononanesulfonic acid (PFNS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: IRM-EX-025_7.5_20250520
Lab Sample ID: 460-326802-5
Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorododecanesulfonic acid (PFDoS)	1.88	U	1.88	0.56	ng/L		06/10/25 10:23	06/11/25 11:00	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:00	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:00	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorooctanesulfonamide (PFOSA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	9.38	U	9.38	2.34	ng/L		06/10/25 10:23	06/11/25 11:00	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	9.38	U	9.38	2.34	ng/L		06/10/25 10:23	06/11/25 11:00	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	U	1.88	0.70	ng/L		06/10/25 10:23	06/11/25 11:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:00	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	9.38	U	9.38	2.63	ng/L		06/10/25 10:23	06/11/25 11:00	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	9.38	U	9.38	2.34	ng/L		06/10/25 10:23	06/11/25 11:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*97.4*		*5 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C5-PFPeA	*92.4*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C5-PFHxA	*91.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C4-PFHpA	*94.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C8-PFOA	*95.5*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C9-PFNA	*89.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C6-PFDA	*83.9*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C7-PFUnA	*84.9*		*30 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C2-PFTeDA	*64.3*		*10 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*

Client Sample ID: IRM-EX-025_7.5_20250520
Lab Sample ID: 460-326802-5

Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3-PFBS	*91.1*		*40 - 135*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C3-PFHxS	*84.2*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C8-PFOS	*71.2*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C8-PFOSA	*76.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
d3-NMeFOSAA	*82.8*		*40 - 170*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
d5-NEtFOSAA	*70.2*		*25 - 135*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C2 4:2 FTS	*137*		*40 - 200*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C2 6:2 FTS	*127*		*40 - 200*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C2 8:2 FTS	*94.1*		*40 - 300*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C3-HFPO-DA	*90.9*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
D7-NMeFOSE	*64.9*		*10 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
D9-NEtFOSE	*60.0*		*10 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
d5-NEtPFOSA	*64.1*		*10 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
d3-NMePFOSA	*69.4*		*10 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C2 PFDoA	*76.7*		*10 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*

Client Sample ID: SB-01_0-2_20250520
Lab Sample ID: 460-326802-6

Date Collected: 05/20/25 15:30
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**1.96**	**J**	3.75	1.03	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoropentanoic acid (PFPeA)	**5.34**		1.88	0.56	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorohexanoic acid (PFHxA)	**3.71**		1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoroheptanoic acid (PFHpA)	**3.28**		1.88	0.75	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorooctanoic acid (PFOA)	**17.0**		1.88	0.84	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorononanoic acid (PFNA)	**3.32**		1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorodecanoic acid (PFDA)	**2.15**		1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoroundecanoic acid (PFUnA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorododecanoic acid (PFDoA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorotridecanoic acid (PFTrDA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorotetradecanoic acid (PFTeDA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorobutanesulfonic acid (PFBS)	**0.62**	**J**	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoropentanesulfonic acid (PFPeS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorohexanesulfonic acid (PFHxS)	**22.9**		1.88	0.75	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoroheptanesulfonic acid (PFHpS)	**0.70**	**J**	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorooctanesulfonic acid (PFOS)	**66.7**		1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorononanesulfonic acid (PFNS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorodecanesulfonic acid (PFDS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorododecanesulfonic acid (PFDoS)	1.88	U	1.88	0.56	ng/L		06/10/25 10:23	06/11/25 11:15	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:15	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:15	1

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SB-01_0-2_20250520
Lab Sample ID: 460-326802-6
Date Collected: 05/20/25 15:30
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorooctanesulfonamide (PFOSA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	9.38	U	9.38	2.35	ng/L		06/10/25 10:23	06/11/25 11:15	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	9.38	U	9.38	2.35	ng/L		06/10/25 10:23	06/11/25 11:15	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	U	1.88	0.70	ng/L		06/10/25 10:23	06/11/25 11:15	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:15	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	9.38	U	9.38	2.63	ng/L		06/10/25 10:23	06/11/25 11:15	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	9.38	U	9.38	2.35	ng/L		06/10/25 10:23	06/11/25 11:15	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*97.3*		*5 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C5-PFPeA	*93.0*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C5-PFHxA	*90.4*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C4-PFHpA	*94.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C8-PFOA	*95.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C9-PFNA	*93.9*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C6-PFDA	*93.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C7-PFUnA	*98.1*		*30 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C2-PFTeDA	*75.6*		*10 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C3-PFBS	*94.9*		*40 - 135*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C3-PFHxS	*89.5*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C8-PFOS	*89.5*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C8-PFOSA	*81.1*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
d3-NMeFOSAA	*82.9*		*40 - 170*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
d5-NEtFOSAA	*75.2*		*25 - 135*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C2 4:2 FTS	*105*		*40 - 200*	*06/10/25 10:23*	*06/11/25 11:15*	*1*

Client Sample ID: SB-01_0-2_20250520
Lab Sample ID: 460-326802-6
Date Collected: 05/20/25 15:30
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 6:2 FTS	104		40 - 200	06/10/25 10:23	06/11/25 11:15	1
13C2 8:2 FTS	85.0		40 - 300	06/10/25 10:23	06/11/25 11:15	1
13C3-HFPO-DA	90.1		40 - 130	06/10/25 10:23	06/11/25 11:15	1
D7-NMeFOSE	70.6		10 - 130	06/10/25 10:23	06/11/25 11:15	1
D9-NEtFOSE	65.3		10 - 130	06/10/25 10:23	06/11/25 11:15	1
d5-NEtPFOSA	69.1		10 - 130	06/10/25 10:23	06/11/25 11:15	1
d3-NMePFOSA	74.3		10 - 130	06/10/25 10:23	06/11/25 11:15	1
13C2 PFDoA	92.4		10 - 130	06/10/25 10:23	06/11/25 11:15	1

Client Sample ID: SB-09_0-2_20250519
Lab Sample ID: 460-327253-1
Date Collected: 05/20/25 10:45
Matrix: Solid
Date Received: 05/21/25 16:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**2.41**	**J**	3.25	0.89	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoropentanoic acid (PFPeA)	**1.36**	**J**	1.63	0.49	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorohexanoic acid (PFHxA)	**1.55**	**J**	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoroheptanoic acid (PFHpA)	**0.83**	**J**	1.63	0.65	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorooctanoic acid (PFOA)	**1.80**		1.63	0.73	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorononanoic acid (PFNA)	**1.26**	**J**	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorodecanoic acid (PFDA)	**1.42**	**J**	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoroundecanoic acid (PFUnA)	**1.14**	**J**	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorododecanoic acid (PFDoA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorotridecanoic acid (PFTrDA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorotetradecanoic acid (PFTeDA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorobutanesulfonic acid (PFBS)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoropentanesulfonic acid (PFPeS)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorohexanesulfonic acid (PFHxS)	1.63	U	1.63	0.65	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoroheptanesulfonic acid (PFHpS)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorooctanesulfonic acid (PFOS)	**2.62**		1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorononanesulfonic acid (PFNS)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorodecanesulfonic acid (PFDS)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorododecanesulfonic acid (PFDoS)	1.63	U	1.63	0.49	ng/L		06/11/25 15:18	06/12/25 05:11	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.25	U	3.25	0.81	ng/L		06/11/25 15:18	06/12/25 05:11	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.25	U	3.25	0.81	ng/L		06/11/25 15:18	06/12/25 05:11	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.25	U	3.25	0.81	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorooctanesulfonamide (PFOSA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SB-09_0-2_20250519
Lab Sample ID: 460-327253-1
Date Collected: 05/20/25 10:45
Matrix: Solid
Date Received: 05/21/25 16:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.13	U	8.13	2.03	ng/L		06/11/25 15:18	06/12/25 05:11	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.13	U	8.13	2.03	ng/L		06/11/25 15:18	06/12/25 05:11	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.63	U	1.63	0.61	ng/L		06/11/25 15:18	06/12/25 05:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.25	U	3.25	0.81	ng/L		06/11/25 15:18	06/12/25 05:11	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.13	U	8.13	2.28	ng/L		06/11/25 15:18	06/12/25 05:11	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.13	U	8.13	2.03	ng/L		06/11/25 15:18	06/12/25 05:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*76.6*		*5 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C5-PFPeA	*98.3*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C5-PFHxA	*97.5*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C4-PFHpA	*91.7*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C8-PFOA	*109*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C9-PFNA	*106*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C6-PFDA	*105*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C7-PFUnA	*102*		*30 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C2-PFTeDA	*90.2*		*10 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C3-PFBS	*97.5*		*40 - 135*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C3-PFHxS	*102*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C8-PFOS	*109*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C8-PFOSA	*96.2*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
d3-NMeFOSAA	*93.6*		*40 - 170*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
d5-NEtFOSAA	*94.4*		*25 - 135*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C2 4:2 FTS	*155*		*40 - 200*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C2 6:2 FTS	*153*		*40 - 200*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C2 8:2 FTS	*130*		*40 - 300*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C3-HFPO-DA	*90.7*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
D7-NMeFOSE	*59.8*		*10 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
D9-NEtFOSE	*41.8*		*10 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
d5-NEtPFOSA	*79.9*		*10 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
d3-NMePFOSA	*82.8*		*10 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C2 PFDoA	*89.6*		*10 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*

Isotope Dilution Summary

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(5-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(30-130)
LCS 410-655426/15-A	Lab Control Sample	93.8	85.8	83.3	79.0	74.8	72.2	71.0	78.9
LCS 410-656219/2-A	Lab Control Sample	96.2	99.4	99.0	92.7	93.2	93.6	93.4	92.8
LCSD 410-656219/3-A	Lab Control Sample Dup	95.6	96.6	95.4	85.5	85.4	78.8	80.8	76.9
LLCS 410-655426/16-A	Lab Control Sample	91.9	84.0	80.1	75.1	71.3	70.2	71.3	76.8
LLCS 410-656219/4-A	Lab Control Sample	93.4	95.5	93.6	86.4	85.8	79.5	79.3	75.3
MB 410-655426/14-A	Method Blank	97.2	88.3	83.3	78.7	72.5	71.2	72.8	80.5
MB 410-656219/1-A	Method Blank	85.7	86.0	89.4	82.6	81.2	80.5	80.9	78.4

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(10-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-170)	(25-135)	(40-200)
LCS 410-655426/15-A	Lab Control Sample	60.9	74.7	67.5	71.6	77.2	71.6	65.5	85.6
LCS 410-656219/2-A	Lab Control Sample	74.1	90.9	90.8	92.0	81.6	86.4	87.7	94.7
LCSD 410-656219/3-A	Lab Control Sample Dup	61.4	82.0	78.2	80.2	78.7	80.8	82.1	94.1
LLCS 410-655426/16-A	Lab Control Sample	64.3	69.9	66.0	70.5	76.7	71.2	62.6	83.6
LLCS 410-656219/4-A	Lab Control Sample	68.6	78.8	77.5	80.0	77.1	80.7	78.9	90.4
MB 410-655426/14-A	Method Blank	63.6	72.0	67.3	65.2	79.1	70.7	65.0	85.5
MB 410-656219/1-A	Method Blank	68.7	78.6	78.8	82.1	73.1	81.7	81.0	86.6

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-200)	(40-300)	(40-130)	(10-130)	(10-130)	(10-130)	(10-130)	(10-130)
LCS 410-655426/15-A	Lab Control Sample	78.3	63.3	82.6	70.9	64.8	63.1	66.7	74.6
LCS 410-656219/2-A	Lab Control Sample	105	100	92.8	64.4	59.2	66.3	64.6	85.7
LCSD 410-656219/3-A	Lab Control Sample Dup	99.9	85.0	88.9	64.9	53.2	72.9	70.2	72.0
LLCS 410-655426/16-A	Lab Control Sample	76.2	62.9	79.7	70.8	67.9	64.7	67.4	74.8
LLCS 410-656219/4-A	Lab Control Sample	100	88.2	89.6	66.5	61.3	69.7	72.9	73.7
MB 410-655426/14-A	Method Blank	76.8	62.3	86.7	72.0	63.1	65.9	72.5	74.6
MB 410-656219/1-A	Method Blank	96.3	83.3	82.7	62.9	64.9	63.0	59.6	72.9

Surrogate Legend

PFBA = 13C4-PFBA
PFPeA = 13C5-PFPeA
13C5PHA = 13C5-PFHxA
C4PFHA = 13C4-PFHpA
C8PFOA = 13C8-PFOA
C9PFNA = 13C9-PFNA
C6PFDA = 13C6-PFDA
13C7PUA = 13C7-PFUnA
PFTDA = 13C2-PFTeDA
C3PFBS = 13C3-PFBS
C3PFHS = 13C3-PFHxS
C8PFOS = 13C8-PFOS
PFOSA = 13C8-PFOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3-HFPO-DA
NMFM = D7-NMeFOSE

Isotope Dilution Summary

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

NEFM = D9-NEtFOSE
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Solid **Prep Type: SPLP East**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (5-130)	PFPeA (40-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (30-130)
180-183865-A-11-L MS	Matrix Spike					93.8	94.0		
180-183865-A-11-M MSD	Matrix Spike Duplicate					95.0	92.9		
460-326802-1	SB-08_0-2_20250520	97.7	93.8	93.2	90.9	91.0	95.4	91.0	101
460-326802-3	R1-SB-21_0-2_20250520	98.9	93.8	93.3	96.0	97.1	96.2	95.8	104
460-326802-5	IRM-EX-025_7.5_20250520	97.4	92.4	91.7	94.6	95.5	89.6	83.9	84.9
460-326802-6	SB-01_0-2_20250520	97.3	93.0	90.4	94.6	95.6	93.9	93.6	98.1
460-327253-1	SB-09_0-2_20250519	76.6	98.3	97.5	91.7	109	106	105	102
LB 410-651557/1-C	Method Blank	96.6	92.8	93.4	93.6	91.6	94.6	92.7	99.4
LB 410-651562/1-C	Method Blank	102	92.5	93.5	91.0	97.7	92.2	97.8	103
LB 410-652036/1-C	Method Blank	108	108	111	105	107	109	106	103

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (10-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-170)	d5NEFOS (25-135)	M242FTS (40-200)
180-183865-A-11-L MS	Matrix Spike		95.5	89.3	88.1				
180-183865-A-11-M MSD	Matrix Spike Duplicate		96.3	88.0	78.0				
460-326802-1	SB-08_0-2_20250520	70.0	96.4	90.7	89.7	77.1	83.3	67.2	118
460-326802-3	R1-SB-21_0-2_20250520	81.3	98.9	93.5	92.3	81.6	81.3	68.2	109
460-326802-5	IRM-EX-025_7.5_20250520	64.3	91.1	84.2	71.2	76.6	82.8	70.2	137
460-326802-6	SB-01_0-2_20250520	75.6	94.9	89.5	89.5	81.1	82.9	75.2	105
460-327253-1	SB-09_0-2_20250519	90.2	97.5	102	109	96.2	93.6	94.4	155
LB 410-651557/1-C	Method Blank	80.2	93.1	87.7	94.9	79.7	78.6	69.3	94.6
LB 410-651562/1-C	Method Blank	89.8	91.8	93.7	94.1	77.1	86.8	76.6	85.8
LB 410-652036/1-C	Method Blank	93.0	100	103	109	89.2	97.5	94.9	114

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-200)	M282FTS (40-300)	HFPODA (40-130)	NMFM (10-130)	NEFM (10-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (10-130)
180-183865-A-11-L MS	Matrix Spike			85.8					
180-183865-A-11-M MSD	Matrix Spike Duplicate			88.5					
460-326802-1	SB-08_0-2_20250520	118	92.4	89.9	56.3	48.2	66.6	68.2	90.6
460-326802-3	R1-SB-21_0-2_20250520	109	85.0	94.6	68.2	63.6	72.4	78.6	97.3
460-326802-5	IRM-EX-025_7.5_20250520	127	94.1	90.9	64.9	60.0	64.1	69.4	76.7
460-326802-6	SB-01_0-2_20250520	104	85.0	90.1	70.6	65.3	69.1	74.3	92.4
460-327253-1	SB-09_0-2_20250519	153	130	90.7	59.8	41.8	79.9	82.8	89.6
LB 410-651557/1-C	Method Blank	91.4	85.6	89.1	65.3	60.8	73.2	77.7	96.8
LB 410-651562/1-C	Method Blank	88.3	84.7	90.9	67.6	69.5	75.8	75.6	106
LB 410-652036/1-C	Method Blank	122	113	105	75.0	77.2	84.3	82.6	96.2

Surrogate Legend

PFBA = 13C4-PFBA
PFPeA = 13C5-PFPeA
13C5PHA = 13C5-PFHxA
C4PFHA = 13C4-PFHpA
C8PFOA = 13C8-PFOA
C9PFNA = 13C9-PFNA
C6PFDA = 13C6-PFDA

Isotope Dilution Summary

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

13C7PUA = 13C7-PFUnA
PFTDA = 13C2-PFTeDA
C3PFBS = 13C3-PFBS
C3PFHS = 13C3-PFHxS
C8PFOS = 13C8-PFOS
PFOSA = 13C8-PFOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3-HFPO-DA
NMFM = D7-NMeFOSE
NEFM = D9-NEtFOSE
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Lab Sample ID: MB 410-655426/14-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 655426

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.00	U	4.00	1.10	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoropentanoic acid (PFPeA)	2.00	U	2.00	0.60	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorohexanoic acid (PFHxA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoroheptanoic acid (PFHpA)	2.00	U	2.00	0.80	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00	0.90	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorodecanoic acid (PFDA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorododecanoic acid (PFDoA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorotridecanoic acid (PFTrDA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorotetradecanoic acid (PFTeDA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorobutanesulfonic acid (PFBS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoropentanesulfonic acid (PFPeS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorohexanesulfonic acid (PFHxS)	2.00	U	2.00	0.80	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoroheptanesulfonic acid (PFHpS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorooctanesulfonic acid (PFOS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorononanesulfonic acid (PFNS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorododecanesulfonic acid (PFDoS)	2.00	U	2.00	0.60	ng/L		06/10/25 10:23	06/11/25 09:25	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.00	U	4.00	1.00	ng/L		06/10/25 10:23	06/11/25 09:25	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.00	U	4.00	1.00	ng/L		06/10/25 10:23	06/11/25 09:25	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.00	U	4.00	1.00	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorooctanesulfonamide (PFOSA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	10.0	U	10.0	2.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	10.0	U	10.0	2.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	U	2.00	0.75	ng/L		06/10/25 10:23	06/11/25 09:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 410-655426/14-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 655426

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.00	U	4.00	1.00	ng/L		06/10/25 10:23	06/11/25 09:25	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	10.0	U	10.0	2.80	ng/L		06/10/25 10:23	06/11/25 09:25	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	10.0	U	10.0	2.50	ng/L		06/10/25 10:23	06/11/25 09:25	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*97.2*		*5 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C5-PFPeA	*88.3*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C5-PFHxA	*83.3*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C4-PFHpA	*78.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C8-PFOA	*72.5*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C9-PFNA	*71.2*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C6-PFDA	*72.8*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C7-PFUnA	*80.5*		*30 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C2-PFTeDA	*63.6*		*10 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C3-PFBS	*72.0*		*40 - 135*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C3-PFHxS	*67.3*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C8-PFOS	*65.2*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C8-PFOSA	*79.1*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
d3-NMeFOSAA	*70.7*		*40 - 170*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
d5-NEtFOSAA	*65.0*		*25 - 135*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C2 4:2 FTS	*85.5*		*40 - 200*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C2 6:2 FTS	*76.8*		*40 - 200*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C2 8:2 FTS	*62.3*		*40 - 300*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C3-HFPO-DA	*86.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
D7-NMeFOSE	*72.0*		*10 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
D9-NEtFOSE	*63.1*		*10 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
d5-NEtPFOSA	*65.9*		*10 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
d3-NMePFOSA	*72.5*		*10 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C2 PFDoA	*74.6*		*10 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*

Lab Sample ID: LCS 410-655426/15-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 655426

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	68.77		ng/L		86	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	35.39		ng/L		88	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	33.79		ng/L		84	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	36.38		ng/L		91	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	35.32		ng/L		88	70 - 150
Perfluorononanoic acid (PFNA)	40.0	33.86		ng/L		85	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	36.07		ng/L		90	70 - 140

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 410-655426/15-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 655426

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	40.0	34.60		ng/L		87	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	34.41		ng/L		86	70 - 140
Perfluorotridecanoic acid (PFTrDA)	40.0	35.35		ng/L		88	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	37.70		ng/L		94	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	30.90		ng/L		87	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	34.12		ng/L		91	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	31.36		ng/L		86	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	30.84		ng/L		81	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	30.26		ng/L		81	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	31.52		ng/L		82	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	30.09		ng/L		78	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	25.07		ng/L		65	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	62.77		ng/L		84	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	62.37		ng/L		82	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	66.87		ng/L		87	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	38.88		ng/L		97	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	40.15		ng/L		100	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	38.41		ng/L		96	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	36.26		ng/L		91	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	34.58		ng/L		86	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	166.7		ng/L		83	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	172.3		ng/L		86	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	29.23		ng/L		97	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	33.15		ng/L		88	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	36.89		ng/L		92	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	35.29		ng/L		88	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	35.07		ng/L		88	50 - 150

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 410-655426/15-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 655426

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	27.53		ng/L		74	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	25.54		ng/L		68	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	28.78		ng/L		81	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	59.61		ng/L		75	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	163.1		ng/L		82	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	165.8		ng/L		83	50 - 145

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4-PFBA	*93.8*		*5 - 130*
13C5-PFPeA	*85.8*		*40 - 130*
13C5-PFHxA	*83.3*		*40 - 130*
13C4-PFHpA	*79.0*		*40 - 130*
13C8-PFOA	*74.8*		*40 - 130*
13C9-PFNA	*72.2*		*40 - 130*
13C6-PFDA	*71.0*		*40 - 130*
13C7-PFUnA	*78.9*		*30 - 130*
13C2-PFTeDA	*60.9*		*10 - 130*
13C3-PFBS	*74.7*		*40 - 135*
13C3-PFHxS	*67.5*		*40 - 130*
13C8-PFOS	*71.6*		*40 - 130*
13C8-PFOSA	*77.2*		*40 - 130*
d3-NMeFOSAA	*71.6*		*40 - 170*
d5-NEtFOSAA	*65.5*		*25 - 135*
13C2 4:2 FTS	*85.6*		*40 - 200*
13C2 6:2 FTS	*78.3*		*40 - 200*
13C2 8:2 FTS	*63.3*		*40 - 300*
13C3-HFPO-DA	*82.6*		*40 - 130*
D7-NMeFOSE	*70.9*		*10 - 130*
D9-NEtFOSE	*64.8*		*10 - 130*
d5-NEtPFOSA	*63.1*		*10 - 130*
d3-NMePFOSA	*66.7*		*10 - 130*
13C2 PFDoA	*74.6*		*10 - 130*

Lab Sample ID: LLCS 410-655426/16-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 655426

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	7.112		ng/L		89	70 - 140
Perfluoropentanoic acid (PFPeA)	4.00	3.993		ng/L		100	65 - 135
Perfluorohexanoic acid (PFHxA)	4.00	3.462		ng/L		87	70 - 145
Perfluoroheptanoic acid (PFHpA)	4.00	3.906		ng/L		98	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	4.028		ng/L		101	70 - 150

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 410-655426/16-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 655426

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	4.00	3.656		ng/L		91	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.501		ng/L		88	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	3.387		ng/L		85	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	3.473		ng/L		87	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	3.406		ng/L		85	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	3.898		ng/L		97	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	3.108		ng/L		87	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.319		ng/L		88	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.473		ng/L		95	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	2.999		ng/L		79	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.217		ng/L		86	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	3.003		ng/L		78	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	3.010		ng/L		78	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.562		ng/L		66	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	6.302		ng/L		84	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	6.519		ng/L		86	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	7.299		ng/L		95	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	3.587		ng/L		90	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	4.220		ng/L		106	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.793		ng/L		95	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	3.237		ng/L		81	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	3.112		ng/L		78	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	17.94		ng/L		90	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	17.67		ng/L		88	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	2.764		ng/L		92	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.272		ng/L		86	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	3.536		ng/L		88	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	3.522		ng/L		88	60 - 150

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 410-655426/16-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 655426

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	3.833		ng/L		96	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	2.828		ng/L		76	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	3.78	2.579		ng/L		68	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.57	2.822		ng/L		79	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	8.00	6.032		ng/L		75	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	20.0	17.18		ng/L		86	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	20.0	14.65		ng/L		73	50 - 145

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4-PFBA	*91.9*		*5 - 130*
13C5-PFPeA	*84.0*		*40 - 130*
13C5-PFHxA	*80.1*		*40 - 130*
13C4-PFHpA	*75.1*		*40 - 130*
13C8-PFOA	*71.3*		*40 - 130*
13C9-PFNA	*70.2*		*40 - 130*
13C6-PFDA	*71.3*		*40 - 130*
13C7-PFUnA	*76.8*		*30 - 130*
13C2-PFTeDA	*64.3*		*10 - 130*
13C3-PFBS	*69.9*		*40 - 135*
13C3-PFHxS	*66.0*		*40 - 130*
13C8-PFOS	*70.5*		*40 - 130*
13C8-PFOSA	*76.7*		*40 - 130*
d3-NMeFOSAA	*71.2*		*40 - 170*
d5-NEtFOSAA	*62.6*		*25 - 135*
13C2 4:2 FTS	*83.6*		*40 - 200*
13C2 6:2 FTS	*76.2*		*40 - 200*
13C2 8:2 FTS	*62.9*		*40 - 300*
13C3-HFPO-DA	*79.7*		*40 - 130*
D7-NMeFOSE	*70.8*		*10 - 130*
D9-NEtFOSE	*67.9*		*10 - 130*
d5-NEtPFOSA	*64.7*		*10 - 130*
d3-NMePFOSA	*67.4*		*10 - 130*
13C2 PFDoA	*74.8*		*10 - 130*

Lab Sample ID: MB 410-656219/1-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 656219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.00	U	4.00	1.10	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluoropentanoic acid (PFPeA)	2.00	U	2.00	0.60	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorohexanoic acid (PFHxA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 410-656219/1-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 656219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	2.00	U	2.00	0.80	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00	0.90	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorodecanoic acid (PFDA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorododecanoic acid (PFDoA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorotridecanoic acid (PFTrDA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorotetradecanoic acid (PFTeDA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorobutanesulfonic acid (PFBS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluoropentanesulfonic acid (PFPeS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorohexanesulfonic acid (PFHxS)	2.00	U	2.00	0.80	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluoroheptanesulfonic acid (PFHpS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorooctanesulfonic acid (PFOS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorononanesulfonic acid (PFNS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorododecanesulfonic acid (PFDoS)	2.00	U	2.00	0.60	ng/L		06/11/25 15:18	06/12/25 02:14	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.00	U	4.00	1.00	ng/L		06/11/25 15:18	06/12/25 02:14	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.00	U	4.00	1.00	ng/L		06/11/25 15:18	06/12/25 02:14	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.00	U	4.00	1.00	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorooctanesulfonamide (PFOSA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	10.0	U	10.0	2.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	10.0	U	10.0	2.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	U	2.00	0.75	ng/L		06/11/25 15:18	06/12/25 02:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 410-656219/1-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 656219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.00	U	4.00	1.00	ng/L		06/11/25 15:18	06/12/25 02:14	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	10.0	U	10.0	2.80	ng/L		06/11/25 15:18	06/12/25 02:14	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	10.0	U	10.0	2.50	ng/L		06/11/25 15:18	06/12/25 02:14	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*85.7*		*5 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C5-PFPeA	*86.0*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C5-PFHxA	*89.4*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C4-PFHpA	*82.6*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C8-PFOA	*81.2*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C9-PFNA	*80.5*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C6-PFDA	*80.9*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C7-PFUnA	*78.4*		*30 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C2-PFTeDA	*68.7*		*10 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C3-PFBS	*78.6*		*40 - 135*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C3-PFHxS	*78.8*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C8-PFOS	*82.1*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C8-PFOSA	*73.1*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
d3-NMeFOSAA	*81.7*		*40 - 170*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
d5-NEtFOSAA	*81.0*		*25 - 135*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C2 4:2 FTS	*86.6*		*40 - 200*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C2 6:2 FTS	*96.3*		*40 - 200*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C2 8:2 FTS	*83.3*		*40 - 300*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C3-HFPO-DA	*82.7*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
D7-NMeFOSE	*62.9*		*10 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
D9-NEtFOSE	*64.9*		*10 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
d5-NEtPFOSA	*63.0*		*10 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
d3-NMePFOSA	*59.6*		*10 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C2 PFDoA	*72.9*		*10 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*

Lab Sample ID: LCS 410-656219/2-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 656219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	69.92		ng/L		87	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	35.08		ng/L		88	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	33.63		ng/L		84	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	36.70		ng/L		92	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	34.55		ng/L		86	70 - 150
Perfluorononanoic acid (PFNA)	40.0	34.15		ng/L		85	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	35.42		ng/L		89	70 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	37.37		ng/L		93	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	36.70		ng/L		92	70 - 140

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 410-656219/2-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 656219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid (PFTrDA)	40.0	41.81		ng/L		105	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	35.86		ng/L		90	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	32.30		ng/L		91	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	33.10		ng/L		88	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	31.13		ng/L		85	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	35.69		ng/L		94	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	32.13		ng/L		86	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	34.88		ng/L		91	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	33.60		ng/L		87	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	26.21		ng/L		68	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	65.79		ng/L		88	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	66.84		ng/L		88	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	68.45		ng/L		89	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	38.54		ng/L		96	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	39.46		ng/L		99	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	37.79		ng/L		94	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	35.75		ng/L		89	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	35.27		ng/L		88	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	176.1		ng/L		88	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	184.9		ng/L		92	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	29.26		ng/L		98	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	35.16		ng/L		93	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	35.13		ng/L		88	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	34.27		ng/L		86	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	34.58		ng/L		86	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	32.22		ng/L		86	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	31.92		ng/L		85	55 - 160

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 410-656219/2-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 656219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	32.55		ng/L		91	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	67.81		ng/L		85	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	155.1		ng/L		78	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	144.4		ng/L		72	50 - 145

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4-PFBA	*96.2*		*5 - 130*
13C5-PFPeA	*99.4*		*40 - 130*
13C5-PFHxA	*99.0*		*40 - 130*
13C4-PFHpA	*92.7*		*40 - 130*
13C8-PFOA	*93.2*		*40 - 130*
13C9-PFNA	*93.6*		*40 - 130*
13C6-PFDA	*93.4*		*40 - 130*
13C7-PFUnA	*92.8*		*30 - 130*
13C2-PFTeDA	*74.1*		*10 - 130*
13C3-PFBS	*90.9*		*40 - 135*
13C3-PFHxS	*90.8*		*40 - 130*
13C8-PFOS	*92.0*		*40 - 130*
13C8-PFOSA	*81.6*		*40 - 130*
d3-NMeFOSAA	*86.4*		*40 - 170*
d5-NEtFOSAA	*87.7*		*25 - 135*
13C2 4:2 FTS	*94.7*		*40 - 200*
13C2 6:2 FTS	*105*		*40 - 200*
13C2 8:2 FTS	*100*		*40 - 300*
13C3-HFPO-DA	*92.8*		*40 - 130*
D7-NMeFOSE	*64.4*		*10 - 130*
D9-NEtFOSE	*59.2*		*10 - 130*
d5-NEtPFOSA	*66.3*		*10 - 130*
d3-NMePFOSA	*64.6*		*10 - 130*
13C2 PFDoA	*85.7*		*10 - 130*

Lab Sample ID: LCSD 410-656219/3-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 656219

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	80.0	73.27		ng/L		92	70 - 140	5	30
Perfluoropentanoic acid (PFPeA)	40.0	37.19		ng/L		93	65 - 135	6	30
Perfluorohexanoic acid (PFHxA)	40.0	35.28		ng/L		88	70 - 145	5	30
Perfluoroheptanoic acid (PFHpA)	40.0	37.90		ng/L		95	70 - 150	3	30
Perfluorooctanoic acid (PFOA)	40.0	36.88		ng/L		92	70 - 150	7	30
Perfluorononanoic acid (PFNA)	40.0	36.43		ng/L		91	70 - 150	6	30
Perfluorodecanoic acid (PFDA)	40.0	36.88		ng/L		92	70 - 140	4	30
Perfluoroundecanoic acid (PFUnA)	40.0	40.25		ng/L		101	70 - 145	7	30

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCSD 410-656219/3-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 656219

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorododecanoic acid (PFDoA)			40.0	36.97		ng/L		92	70 - 140	1	30
Perfluorotridecanoic acid (PFTrDA)			40.0	44.04		ng/L		110	65 - 140	5	30
Perfluorotetradecanoic acid (PFTeDA)			40.0	41.17		ng/L		103	60 - 140	14	30
Perfluorobutanesulfonic acid (PFBS)			35.5	33.31		ng/L		94	60 - 145	3	30
Perfluoropentanesulfonic acid (PFPeS)			37.6	34.99		ng/L		93	65 - 140	6	30
Perfluorohexanesulfonic acid (PFHxS)			36.5	33.75		ng/L		93	65 - 145	8	30
Perfluoroheptanesulfonic acid (PFHpS)			38.2	37.23		ng/L		98	70 - 150	4	30
Perfluorooctanesulfonic acid (PFOS)			37.2	34.30		ng/L		92	55 - 150	7	30
Perfluorononanesulfonic acid (PFNS)			38.5	35.80		ng/L		93	65 - 145	3	30
Perfluorodecanesulfonic acid (PFDS)			38.6	34.87		ng/L		90	60 - 145	4	30
Perfluorododecanesulfonic acid (PFDoS)			38.8	28.96		ng/L		75	50 - 145	10	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			75.0	70.86		ng/L		94	70 - 145	7	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			76.2	69.47		ng/L		91	65 - 155	4	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			76.8	73.25		ng/L		95	60 - 150	7	30
Perfluorooctanesulfonamide (PFOSA)			40.0	40.83		ng/L		102	70 - 145	6	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			40.0	41.83		ng/L		105	60 - 150	6	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			40.0	39.04		ng/L		98	65 - 145	3	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			40.0	37.49		ng/L		94	50 - 140	5	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			40.0	36.32		ng/L		91	70 - 145	3	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			200	192.6		ng/L		96	70 - 145	9	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			200	207.8		ng/L		104	70 - 135	12	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			30.0	30.85		ng/L		103	70 - 140	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			37.8	35.22		ng/L		93	65 - 145	0	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			40.0	37.47		ng/L		94	55 - 140	6	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			40.0	36.28		ng/L		91	60 - 150	6	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			40.0	37.44		ng/L		94	50 - 150	8	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			37.4	30.05		ng/L		80	70 - 155	7	30

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCSD 410-656219/3-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 656219

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			37.8	29.01		ng/L		77	55 - 160	10	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			35.7	32.44		ng/L		91	70 - 140	0	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			80.0	72.62		ng/L		91	65 - 130	7	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			200	169.3		ng/L		85	70 - 135	9	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			200	154.5		ng/L		77	50 - 145	7	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4-PFBA	*95.6*		*5 - 130*
13C5-PFPeA	*96.6*		*40 - 130*
13C5-PFHxA	*95.4*		*40 - 130*
13C4-PFHpA	*85.5*		*40 - 130*
13C8-PFOA	*85.4*		*40 - 130*
13C9-PFNA	*78.8*		*40 - 130*
13C6-PFDA	*80.8*		*40 - 130*
13C7-PFUnA	*76.9*		*30 - 130*
13C2-PFTeDA	*61.4*		*10 - 130*
13C3-PFBS	*82.0*		*40 - 135*
13C3-PFHxS	*78.2*		*40 - 130*
13C8-PFOS	*80.2*		*40 - 130*
13C8-PFOSA	*78.7*		*40 - 130*
d3-NMeFOSAA	*80.8*		*40 - 170*
d5-NEtFOSAA	*82.1*		*25 - 135*
13C2 4:2 FTS	*94.1*		*40 - 200*
13C2 6:2 FTS	*99.9*		*40 - 200*
13C2 8:2 FTS	*85.0*		*40 - 300*
13C3-HFPO-DA	*88.9*		*40 - 130*
D7-NMeFOSE	*64.9*		*10 - 130*
D9-NEtFOSE	*53.2*		*10 - 130*
d5-NEtPFOSA	*72.9*		*10 - 130*
d3-NMePFOSA	*70.2*		*10 - 130*
13C2 PFDoA	*72.0*		*10 - 130*

Lab Sample ID: LLCS 410-656219/4-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 656219

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			8.00	7.642		ng/L		96	70 - 140
Perfluoropentanoic acid (PFPeA)			4.00	4.103		ng/L		103	65 - 135
Perfluorohexanoic acid (PFHxA)			4.00	3.808		ng/L		95	70 - 145
Perfluoroheptanoic acid (PFHpA)			4.00	3.946		ng/L		99	70 - 150
Perfluorooctanoic acid (PFOA)			4.00	4.519		ng/L		113	70 - 150
Perfluorononanoic acid (PFNA)			4.00	3.885		ng/L		97	70 - 150
Perfluorodecanoic acid (PFDA)			4.00	3.908		ng/L		98	70 - 140

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 410-656219/4-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 656219

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	4.00	4.322		ng/L		108	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	4.039		ng/L		101	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	4.462		ng/L		112	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	3.858		ng/L		96	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	3.634		ng/L		102	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.524		ng/L		94	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.761		ng/L		103	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	3.989		ng/L		105	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.827		ng/L		103	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	3.568		ng/L		93	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	3.495		ng/L		91	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	3.216		ng/L		83	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	7.240		ng/L		96	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	7.125		ng/L		94	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	6.902		ng/L		90	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	4.010		ng/L		100	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	4.390		ng/L		110	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.914		ng/L		98	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	3.688		ng/L		92	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	3.573		ng/L		89	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	20.23		ng/L		101	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	18.79		ng/L		94	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	3.047		ng/L		102	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.785		ng/L		100	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	3.962		ng/L		99	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	3.602		ng/L		90	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	4.073		ng/L		102	50 - 150

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 410-656219/4-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 656219

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	3.125		ng/L		84	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	3.78	3.009		ng/L		80	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.57	3.416		ng/L		96	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	8.00	7.477		ng/L		93	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	20.0	17.97		ng/L		90	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	20.0	15.19		ng/L		76	50 - 145

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4-PFBA	*93.4*		*5 - 130*
13C5-PFPeA	*95.5*		*40 - 130*
13C5-PFHxA	*93.6*		*40 - 130*
13C4-PFHpA	*86.4*		*40 - 130*
13C8-PFOA	*85.8*		*40 - 130*
13C9-PFNA	*79.5*		*40 - 130*
13C6-PFDA	*79.3*		*40 - 130*
13C7-PFUnA	*75.3*		*30 - 130*
13C2-PFTeDA	*68.6*		*10 - 130*
13C3-PFBS	*78.8*		*40 - 135*
13C3-PFHxS	*77.5*		*40 - 130*
13C8-PFOS	*80.0*		*40 - 130*
13C8-PFOSA	*77.1*		*40 - 130*
d3-NMeFOSAA	*80.7*		*40 - 170*
d5-NEtFOSAA	*78.9*		*25 - 135*
13C2 4:2 FTS	*90.4*		*40 - 200*
13C2 6:2 FTS	*100*		*40 - 200*
13C2 8:2 FTS	*88.2*		*40 - 300*
13C3-HFPO-DA	*89.6*		*40 - 130*
D7-NMeFOSE	*66.5*		*10 - 130*
D9-NEtFOSE	*61.3*		*10 - 130*
d5-NEtPFOSA	*69.7*		*10 - 130*
d3-NMePFOSA	*72.9*		*10 - 130*
13C2 PFDoA	*73.7*		*10 - 130*

Lab Sample ID: LB 410-651557/1-C
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 655426

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.38	U	3.38	0.93	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoropentanoic acid (PFPeA)	1.69	U	1.69	0.51	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorohexanoic acid (PFHxA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoroheptanoic acid (PFHpA)	1.69	U	1.69	0.68	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorooctanoic acid (PFOA)	1.69	U	1.69	0.76	ng/L		06/10/25 10:23	06/11/25 10:19	1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LB 410-651557/1-C
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 655426

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorodecanoic acid (PFDA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoroundecanoic acid (PFUnA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorododecanoic acid (PFDoA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorotridecanoic acid (PFTrDA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorotetradecanoic acid (PFTeDA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorobutanesulfonic acid (PFBS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoropentanesulfonic acid (PFPeS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorohexanesulfonic acid (PFHxS)	1.69	U	1.69	0.68	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoroheptanesulfonic acid (PFHpS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorooctanesulfonic acid (PFOS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorononanesulfonic acid (PFNS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorodecanesulfonic acid (PFDS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorododecanesulfonic acid (PFDoS)	1.69	U	1.69	0.51	ng/L		06/10/25 10:23	06/11/25 10:19	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.38	U	3.38	0.85	ng/L		06/10/25 10:23	06/11/25 10:19	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.38	U	3.38	0.85	ng/L		06/10/25 10:23	06/11/25 10:19	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.38	U	3.38	0.85	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorooctanesulfonamide (PFOSA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.46	U	8.46	2.11	ng/L		06/10/25 10:23	06/11/25 10:19	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.46	U	8.46	2.11	ng/L		06/10/25 10:23	06/11/25 10:19	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.69	U	1.69	0.63	ng/L		06/10/25 10:23	06/11/25 10:19	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.38	U	3.38	0.85	ng/L		06/10/25 10:23	06/11/25 10:19	1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LB 410-651557/1-C
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 655426

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.46	U	8.46	2.37	ng/L		06/10/25 10:23	06/11/25 10:19	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.46	U	8.46	2.11	ng/L		06/10/25 10:23	06/11/25 10:19	1

Isotope Dilution	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*96.6*		*5 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C5-PFPeA	*92.8*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C5-PFHxA	*93.4*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C4-PFHpA	*93.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C8-PFOA	*91.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C9-PFNA	*94.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C6-PFDA	*92.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C7-PFUnA	*99.4*		*30 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C2-PFTeDA	*80.2*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C3-PFBS	*93.1*		*40 - 135*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C3-PFHxS	*87.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C8-PFOS	*94.9*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C8-PFOSA	*79.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
d3-NMeFOSAA	*78.6*		*40 - 170*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
d5-NEtFOSAA	*69.3*		*25 - 135*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C2 4:2 FTS	*94.6*		*40 - 200*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C2 6:2 FTS	*91.4*		*40 - 200*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C2 8:2 FTS	*85.6*		*40 - 300*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C3-HFPO-DA	*89.1*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
D7-NMeFOSE	*65.3*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
D9-NEtFOSE	*60.8*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
d5-NEtPFOSA	*73.2*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
d3-NMePFOSA	*77.7*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C2 PFDoA	*96.8*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*

Lab Sample ID: LB 410-651562/1-C
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 655426

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.55	U	3.55	0.98	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoropentanoic acid (PFPeA)	1.78	U	1.78	0.53	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorohexanoic acid (PFHxA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoroheptanoic acid (PFHpA)	1.78	U	1.78	0.71	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorooctanoic acid (PFOA)	1.78	U	1.78	0.80	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorononanoic acid (PFNA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorodecanoic acid (PFDA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoroundecanoic acid (PFUnA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorododecanoic acid (PFDoA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorotridecanoic acid (PFTrDA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorotetradecanoic acid (PFTeDA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorobutanesulfonic acid (PFBS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoropentanesulfonic acid (PFPeS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LB 410-651562/1-C
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 655426

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid (PFHxS)	1.78	U	1.78	0.71	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoroheptanesulfonic acid (PFHpS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorooctanesulfonic acid (PFOS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorononanesulfonic acid (PFNS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorodecanesulfonic acid (PFDS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorododecanesulfonic acid (PFDoS)	1.78	U	1.78	0.53	ng/L		06/10/25 10:23	06/11/25 10:06	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.55	U	3.55	0.89	ng/L		06/10/25 10:23	06/11/25 10:06	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.55	U	3.55	0.89	ng/L		06/10/25 10:23	06/11/25 10:06	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.55	U	3.55	0.89	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorooctanesulfonamide (PFOSA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.88	U	8.88	2.22	ng/L		06/10/25 10:23	06/11/25 10:06	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.88	U	8.88	2.22	ng/L		06/10/25 10:23	06/11/25 10:06	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.78	U	1.78	0.67	ng/L		06/10/25 10:23	06/11/25 10:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.55	U	3.55	0.89	ng/L		06/10/25 10:23	06/11/25 10:06	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.88	U	8.88	2.49	ng/L		06/10/25 10:23	06/11/25 10:06	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.88	U	8.88	2.22	ng/L		06/10/25 10:23	06/11/25 10:06	1

Isotope Dilution	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*102*		*5 - 130*	*06/10/25 10:23*	*06/11/25 10:06*	*1*
13C5-PFPeA	*92.5*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:06*	*1*
13C5-PFHxA	*93.5*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:06*	*1*

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LB 410-651562/1-C
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 655426

Isotope Dilution	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4-PFHpA	91.0		40 - 130	06/10/25 10:23	06/11/25 10:06	1
13C8-PFOA	97.7		40 - 130	06/10/25 10:23	06/11/25 10:06	1
13C9-PFNA	92.2		40 - 130	06/10/25 10:23	06/11/25 10:06	1
13C6-PFDA	97.8		40 - 130	06/10/25 10:23	06/11/25 10:06	1
13C7-PFUnA	103		30 - 130	06/10/25 10:23	06/11/25 10:06	1
13C2-PFTeDA	89.8		10 - 130	06/10/25 10:23	06/11/25 10:06	1
13C3-PFBS	91.8		40 - 135	06/10/25 10:23	06/11/25 10:06	1
13C3-PFHxS	93.7		40 - 130	06/10/25 10:23	06/11/25 10:06	1
13C8-PFOS	94.1		40 - 130	06/10/25 10:23	06/11/25 10:06	1
13C8-PFOSA	77.1		40 - 130	06/10/25 10:23	06/11/25 10:06	1
d3-NMeFOSAA	86.8		40 - 170	06/10/25 10:23	06/11/25 10:06	1
d5-NEtFOSAA	76.6		25 - 135	06/10/25 10:23	06/11/25 10:06	1
13C2 4:2 FTS	85.8		40 - 200	06/10/25 10:23	06/11/25 10:06	1
13C2 6:2 FTS	88.3		40 - 200	06/10/25 10:23	06/11/25 10:06	1
13C2 8:2 FTS	84.7		40 - 300	06/10/25 10:23	06/11/25 10:06	1
13C3-HFPO-DA	90.9		40 - 130	06/10/25 10:23	06/11/25 10:06	1
D7-NMeFOSE	67.6		10 - 130	06/10/25 10:23	06/11/25 10:06	1
D9-NEtFOSE	69.5		10 - 130	06/10/25 10:23	06/11/25 10:06	1
d5-NEtPFOSA	75.8		10 - 130	06/10/25 10:23	06/11/25 10:06	1
d3-NMePFOSA	75.6		10 - 130	06/10/25 10:23	06/11/25 10:06	1
13C2 PFDoA	106		10 - 130	06/10/25 10:23	06/11/25 10:06	1

Lab Sample ID: 180-183865-A-11-L MS
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Matrix Spike
Prep Type: SPLP East
Prep Batch: 655426

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanoic acid (PFOA)	2.17		33.2	31.84		ng/L		89	70 - 150
Perfluorononanoic acid (PFNA)	1.06	J	33.2	29.06		ng/L		84	70 - 150
Perfluorobutanesulfonic acid (PFBS)	1.70	U	29.5	25.94		ng/L		88	60 - 145
Perfluorohexanesulfonic acid (PFHxS)	1.70	U	30.3	25.57		ng/L		84	65 - 145
Perfluorooctanesulfonic acid (PFOS)	3.09		30.9	28.11		ng/L		81	55 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.70	U	24.9	23.51		ng/L		94	70 - 140

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C8-PFOA	93.8		40 - 130
13C9-PFNA	94.0		40 - 130
13C3-PFBS	95.5		40 - 135
13C3-PFHxS	89.3		40 - 130
13C8-PFOS	88.1		40 - 130
13C3-HFPO-DA	85.8		40 - 130

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: 180-183865-A-11-M MSD
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Matrix Spike Duplicate
Prep Type: SPLP East
Prep Batch: 655426

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)	2.17		31.9	30.54		ng/L		89	70 - 150	4	30
Perfluorononanoic acid (PFNA)	1.06	J	31.9	28.11		ng/L		85	70 - 150	3	30
Perfluorobutanesulfonic acid (PFBS)	1.70	U	28.3	24.54		ng/L		87	60 - 145	6	30
Perfluorohexanesulfonic acid (PFHxS)	1.70	U	29.1	24.81		ng/L		85	65 - 145	3	30
Perfluorooctanesulfonic acid (PFOS)	3.09		29.6	28.21		ng/L		85	55 - 150	0	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.70	U	23.9	22.51		ng/L		94	70 - 140	4	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C8-PFOA	*95.0*		*40 - 130*
13C9-PFNA	*92.9*		*40 - 130*
13C3-PFBS	*96.3*		*40 - 135*
13C3-PFHxS	*88.0*		*40 - 130*
13C8-PFOS	*78.0*		*40 - 130*
13C3-HFPO-DA	*88.5*		*40 - 130*

Lab Sample ID: LB 410-652036/1-C
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 656219

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.48	U	3.48	0.96	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoropentanoic acid (PFPeA)	1.74	U	1.74	0.52	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorohexanoic acid (PFHxA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoroheptanoic acid (PFHpA)	1.74	U	1.74	0.70	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorooctanoic acid (PFOA)	1.74	U	1.74	0.78	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorononanoic acid (PFNA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorodecanoic acid (PFDA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoroundecanoic acid (PFUnA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorododecanoic acid (PFDoA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorotridecanoic acid (PFTrDA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorotetradecanoic acid (PFTeDA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorobutanesulfonic acid (PFBS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoropentanesulfonic acid (PFPeS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorohexanesulfonic acid (PFHxS)	1.74	U	1.74	0.70	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoroheptanesulfonic acid (PFHpS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorooctanesulfonic acid (PFOS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorononanesulfonic acid (PFNS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorodecanesulfonic acid (PFDS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorododecanesulfonic acid (PFDoS)	1.74	U	1.74	0.52	ng/L		06/11/25 15:18	06/12/25 03:36	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.48	U	3.48	0.87	ng/L		06/11/25 15:18	06/12/25 03:36	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.48	U	3.48	0.87	ng/L		06/11/25 15:18	06/12/25 03:36	1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LB 410-652036/1-C
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 656219

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.48	U	3.48	0.87	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorooctanesulfonamide (PFOSA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.70	U	8.70	2.17	ng/L		06/11/25 15:18	06/12/25 03:36	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.70	U	8.70	2.17	ng/L		06/11/25 15:18	06/12/25 03:36	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.74	U	1.74	0.65	ng/L		06/11/25 15:18	06/12/25 03:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.48	U	3.48	0.87	ng/L		06/11/25 15:18	06/12/25 03:36	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.70	U	8.70	2.44	ng/L		06/11/25 15:18	06/12/25 03:36	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.70	U	8.70	2.17	ng/L		06/11/25 15:18	06/12/25 03:36	1

Isotope Dilution	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*108*		*5 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C5-PFPeA	*108*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C5-PFHxA	*111*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C4-PFHpA	*105*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C8-PFOA	*107*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C9-PFNA	*109*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C6-PFDA	*106*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C7-PFUnA	*103*		*30 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C2-PFTeDA	*93.0*		*10 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C3-PFBS	*100*		*40 - 135*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C3-PFHxS	*103*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C8-PFOS	*109*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C8-PFOSA	*89.2*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
d3-NMeFOSAA	*97.5*		*40 - 170*	*06/11/25 15:18*	*06/12/25 03:36*	*1*

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LB 410-652036/1-C
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 656219

Isotope Dilution	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	94.9		25 - 135	06/11/25 15:18	06/12/25 03:36	1
13C2 4:2 FTS	114		40 - 200	06/11/25 15:18	06/12/25 03:36	1
13C2 6:2 FTS	122		40 - 200	06/11/25 15:18	06/12/25 03:36	1
13C2 8:2 FTS	113		40 - 300	06/11/25 15:18	06/12/25 03:36	1
13C3-HFPO-DA	105		40 - 130	06/11/25 15:18	06/12/25 03:36	1
D7-NMeFOSE	75.0		10 - 130	06/11/25 15:18	06/12/25 03:36	1
D9-NEtFOSE	77.2		10 - 130	06/11/25 15:18	06/12/25 03:36	1
d5-NEtPFOSA	84.3		10 - 130	06/11/25 15:18	06/12/25 03:36	1
d3-NMePFOSA	82.6		10 - 130	06/11/25 15:18	06/12/25 03:36	1
13C2 PFDoA	96.2		10 - 130	06/11/25 15:18	06/12/25 03:36	1

LCMS

Leach Batch: 651557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 410-651557/1-C	Method Blank	SPLP East	Solid	1312	
180-183865-A-11-L MS	Matrix Spike	SPLP East	Solid	1312	
180-183865-A-11-M MSD	Matrix Spike Duplicate	SPLP East	Solid	1312	

Leach Batch: 651562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326802-1	SB-08_0-2_20250520	SPLP East	Solid	1312	
460-326802-3	R1-SB-21_0-2_20250520	SPLP East	Solid	1312	
460-326802-5	IRM-EX-025_7.5_20250520	SPLP East	Solid	1312	
460-326802-6	SB-01_0-2_20250520	SPLP East	Solid	1312	
LB 410-651562/1-C	Method Blank	SPLP East	Solid	1312	

Leach Batch: 652036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327253-1	SB-09_0-2_20250519	SPLP East	Solid	1312	
LB 410-652036/1-C	Method Blank	SPLP East	Solid	1312	

Prep Batch: 655426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326802-1	SB-08_0-2_20250520	SPLP East	Solid	1633	651562
460-326802-3	R1-SB-21_0-2_20250520	SPLP East	Solid	1633	651562
460-326802-5	IRM-EX-025_7.5_20250520	SPLP East	Solid	1633	651562
460-326802-6	SB-01_0-2_20250520	SPLP East	Solid	1633	651562
LB 410-651557/1-C	Method Blank	SPLP East	Solid	1633	651557
LB 410-651562/1-C	Method Blank	SPLP East	Solid	1633	651562
MB 410-655426/14-A	Method Blank	Total/NA	Solid	1633	
LCS 410-655426/15-A	Lab Control Sample	Total/NA	Solid	1633	
LLCS 410-655426/16-A	Lab Control Sample	Total/NA	Solid	1633	
180-183865-A-11-L MS	Matrix Spike	SPLP East	Solid	1633	651557
180-183865-A-11-M MSD	Matrix Spike Duplicate	SPLP East	Solid	1633	651557

Analysis Batch: 656042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326802-1	SB-08_0-2_20250520	SPLP East	Solid	Draft-4 1633	655426
460-326802-3	R1-SB-21_0-2_20250520	SPLP East	Solid	Draft-4 1633	655426
460-326802-5	IRM-EX-025_7.5_20250520	SPLP East	Solid	Draft-4 1633	655426
460-326802-6	SB-01_0-2_20250520	SPLP East	Solid	Draft-4 1633	655426
LB 410-651557/1-C	Method Blank	SPLP East	Solid	Draft-4 1633	655426
LB 410-651562/1-C	Method Blank	SPLP East	Solid	Draft-4 1633	655426
MB 410-655426/14-A	Method Blank	Total/NA	Solid	Draft-4 1633	655426
LCS 410-655426/15-A	Lab Control Sample	Total/NA	Solid	Draft-4 1633	655426
LLCS 410-655426/16-A	Lab Control Sample	Total/NA	Solid	Draft-4 1633	655426
180-183865-A-11-L MS	Matrix Spike	SPLP East	Solid	Draft-4 1633	655426
180-183865-A-11-M MSD	Matrix Spike Duplicate	SPLP East	Solid	Draft-4 1633	655426

Prep Batch: 656219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327253-1	SB-09_0-2_20250519	SPLP East	Solid	1633	652036
LB 410-652036/1-C	Method Blank	SPLP East	Solid	1633	652036
MB 410-656219/1-A	Method Blank	Total/NA	Solid	1633	
LCS 410-656219/2-A	Lab Control Sample	Total/NA	Solid	1633	

LCMS (Continued)

Prep Batch: 656219 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 410-656219/3-A	Lab Control Sample Dup	Total/NA	Solid	1633	
LLCS 410-656219/4-A	Lab Control Sample	Total/NA	Solid	1633	

Analysis Batch: 656291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327253-1	SB-09_0-2_20250519	SPLP East	Solid	Draft-4 1633	656219
LB 410-652036/1-C	Method Blank	SPLP East	Solid	Draft-4 1633	656219
MB 410-656219/1-A	Method Blank	Total/NA	Solid	Draft-4 1633	656219
LCS 410-656219/2-A	Lab Control Sample	Total/NA	Solid	Draft-4 1633	656219
LCSD 410-656219/3-A	Lab Control Sample Dup	Total/NA	Solid	Draft-4 1633	656219
LLCS 410-656219/4-A	Lab Control Sample	Total/NA	Solid	Draft-4 1633	656219

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SB-08_0-2_20250520
Lab Sample ID: 460-326802-1
Date Collected: 05/20/25 13:00
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			651562	UNWS	ELLE	06/02/25 14:10 - 06/03/25 06:59 [1]
SPLP East	Prep	1633			655426	W2FB	ELLE	06/10/25 10:23
SPLP East	Analysis	Draft-4 1633		1	656042	P7EB	ELLE	06/11/25 10:33

Client Sample ID: R1-SB-21_0-2_20250520
Lab Sample ID: 460-326802-3
Date Collected: 05/20/25 11:00
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			651562	UNWS	ELLE	06/02/25 14:10 - 06/03/25 06:59 [1]
SPLP East	Prep	1633			655426	W2FB	ELLE	06/10/25 10:23
SPLP East	Analysis	Draft-4 1633		1	656042	P7EB	ELLE	06/11/25 10:46

Client Sample ID: IRM-EX-025_7.5_20250520
Lab Sample ID: 460-326802-5
Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			651562	UNWS	ELLE	06/02/25 14:10 - 06/03/25 06:59 [1]
SPLP East	Prep	1633			655426	W2FB	ELLE	06/10/25 10:23
SPLP East	Analysis	Draft-4 1633		1	656042	P7EB	ELLE	06/11/25 11:00

Client Sample ID: SB-01_0-2_20250520
Lab Sample ID: 460-326802-6
Date Collected: 05/20/25 15:30
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			651562	UNWS	ELLE	06/02/25 14:10 - 06/03/25 06:59 [1]
SPLP East	Prep	1633			655426	W2FB	ELLE	06/10/25 10:23
SPLP East	Analysis	Draft-4 1633		1	656042	P7EB	ELLE	06/11/25 11:15

Client Sample ID: SB-09_0-2_20250519
Lab Sample ID: 460-327253-1
Date Collected: 05/20/25 10:45
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			652036	UNWS	ELLE	06/09/25 14:40 - 06/10/25 06:55 [1]
SPLP East	Prep	1633			656219	MSH2	ELLE	06/11/25 15:18
SPLP East	Analysis	Draft-4 1633		1	656291	QY4X	ELLE	06/12/25 05:11

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-26
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-25
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-26
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326802-1

Method	Method Description	Protocol	Laboratory
Draft-4 1633	Per- and Polyfluoroalkyl Substances by LC/MS/MS	EPA	ELLE
1312	SPLP Extraction	SW846	ELLE
1633	Solid-Phase Extraction (SPE)	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-326802-1	SB-08_0-2_20250520	Solid	05/20/25 13:00	05/20/25 17:00
460-326802-3	R1-SB-21_0-2_20250520	Solid	05/20/25 11:00	05/20/25 17:00
460-326802-5	IRM-EX-025_7.5_20250520	Solid	05/20/25 15:15	05/20/25 17:00
460-326802-6	SB-01_0-2_20250520	Solid	05/20/25 15:30	05/20/25 17:00
460-327253-1	SB-09_0-2_20250519	Solid	05/20/25 10:45	05/21/25 16:00

Address. _____

Chain of Custody Record

PFAS

681915

eurofins | Environment Testing America

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Kim Wills	Site Contact: M Miller	Date: 5/20/25	COC No: 1 of 1 COCs
Company Name: AKRF	Tel/Email:	Lab Contact:	Carrier:	Sampler:
Address: 440 Park Ave S. FL 7	Analysis Turnaround Time			For Lab Use Only:
City/State/Zip: NY NY 10016	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
Phone:	TAT if different from Below _____			Lab Sampling:
Fax:	☐ 2 weeks			Job / SDG No.
Project Name: 350 Grand Concourse	☐ 1 week			326802
Site:	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	SPLP PFAS PFAS - HOLD		Sample Specific Notes.
SB-08_0-2_20250520	5/20/25	1300	G	Solid	2			X	-1	
A3-0-5_20250520		1415	C		1			X	-2	Hold Analysis
RI-SB-21_0-2_20250520		1100	G		2			X	-3	
A2-0-5_20250520		1215	C		1			X	-4	Hold Analysis
IRM-EX-025_75_20250520	5/20/25	1515	G		2			X	-5	
SB-01_0-2_20250520		1530			2			X	-6	

460-326802 Chain of Custody

ELMSFORD 272

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification.
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Keep SDG open

On ice

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd. _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: AKRF	Date/Time: 5/20/25	Received by: ETA	Company: 05-20-25	Date/Time: 3:30pm
Relinquished by: ETA 05-20-25	Company:	Date/Time: 1700	Received by:	Company: ETA	Date/Time: 5/20/25 1700
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

6/4/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326802

Number of Coolers: 1 IR Gun # _____

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	℃	℃	Cooler #4:	℃	℃	Cooler #7:	℃	℃
Cooler #2:	℃	℃	Cooler #5:	℃	℃	Cooler #8:	℃	℃
Cooler #3:	℃	℃	Cooler #6:	℃	℃	Cooler #9:	℃	℃

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials RN Date: 5/24/25

Address. NYC 302

Chain of Custody Record

PFAS 681916

eurofins | Environment Testing America

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Kim Wells	Site Contact: Mimi	Date: 5/21/25	COC No:
Company Name: AKRF	Tel/Email:	Lab Contact:	Carrier:	1 of 1 COCs
Address: 440 Park Ave S, fl 7	Analysis Turnaround Time			Sampler:
City/State/Zip: NY NY 10016	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: 350 Grand Concourse	☐ 1 week			Job / SDG No.
Site:	☐ 2 days			326807
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	PFAS - Hold Analysis	Sample Specific Notes:
AH-0-5_20250521	5/21/25	0830	C	Soil	1			X	Hold Analysis
AH-5-10_20250521	↓	0855	C	↓	1			X	Hold Analysis

460-326807 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Close SDG ON Ice

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by: MMiw	AKRF	5/21/25 17:30	Received by:	TA NYC	05/21/25 17:00
Relinquished by:	Company: 05/21/25 1730	Date/Time: TA NYC	Received by:	Company: GTK	Date/Time: 5/21/25 1730
Relinquished by:	Company	Date/Time	Received in Laboratory by:	Company	Date/Time

Page 50 of 57

5/21/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326807

Number of Coolers: 1 IR Gun # _____

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	℃	℃	Cooler #4:	℃	℃	Cooler #7:	℃	℃
Cooler #2:	℃	℃	Cooler #5:	℃	℃	Cooler #8:	℃	℃
Cooler #3:	℃	℃	Cooler #6:	℃	℃	Cooler #9:	℃	℃

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials. RN Date: 5/24/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

NYC 222

Chain of Custody Record

PFAS

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No: 460-194891-127497.1
Client Contact: Mr. Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: AKRF Inc	PWSID:			Job #: 327253
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days):			
State, Zip: NY, 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N - None; Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633_Final - PFAS 1633 Standard List of 40	1633_Final - SPLP PFAS 1633 Standard List of 40	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N		
SB-09_0-2_20250519	5/19/25	1045	G	Solid				X	2	
A1-0-5_20250519	↓	1050	C	Solid			X		1	Hold Analysis*
				Solid						
				Solid						
				Solid						

460-327253 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Rep SDG-PFAS only; NJ Reduced 1.9°C

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		5/19/25 1845	AKRF		05/19/25 18:45	TAnyc
2		05/20/25 17:00	TAnyc			
3					5/21 1606	ETA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 327253

Number of Coolers: _____ IR Gun # _____

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.9 °C	2.3 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials: CMB Date: 5/31/25

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326802-1

Login Number: 326802
List Number: 1
Creator: Kovitch, Christina M

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	False	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326802-1

Login Number: 326802
List Number: 2
Creator: Cyms, Carolyn M

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 05/27/25 09:14 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326802-1

Login Number: 327253
List Number: 1
Creator: Kovitch, Christina M

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326802-1

Login Number: 327253
List Number: 2
Creator: McDonald, Teigan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 06/03/25 01:48 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

ATTACHMENT 4
QUALITY ASSURANCE PROCEDURES

DESCRIPTION OF QUALITY ASSURANCE PROCEDURES

The chain-of-custody program allows for the tracing of possession and handling of the sample from its time of collection through its chemical analysis in the laboratory. The chain-of-custody program at this Site included:

- Sample labels
- Chain-of-custody records
- Field records

To prevent misidentification of samples, a label was affixed to the sample container and contained the following information:

- Site Name
- Sample identification number
- Date and time of collection
- Name of Sampler
- Preservation (if any)
- Type of analysis to be conducted

To establish the documentation necessary to trace sample possession from the time of collection, a chain-of-custody record was filled out and accompanied samples at all times. The record contained the following information:

- Project name
- Printed name and signature of samplers
- Sample number
- Date and time of collection
- Sampling location
- Number of containers for each sample
- Signature of individuals involved in sample transfer (when relinquishing and accepting samples)
- Inclusive dates and times of possession

Grab samples were collected and placed into clean sample jars or encore sampling devices. Samples (excluding VOC) were composited using disposable or dedicated equipment. Decontamination of non-dedicated sampling equipment consisted of the following:

- Gently tap or scrape to remove adhered soil;
- Rinse with tap water;
- Wash with detergent solution and scrub;
- Rinse with tap water

Field records were maintained during each sampling effort in a logbook. All aspects of sample collection, handling and visual observations were recorded. All sample collection equipment, field analytical equipment, and equipment utilized to make physical measurements were identified in the field logbook. All calculations, results and calibration data for field sampling, field analytical measurements were also recorded in the field logbook. Entries were dated and initialed. Entries were made in ink and were legible.

The fundamental Quality Assurance objective with respect to accuracy, precision, and sensitivity of analysis for laboratory analytical data was to achieve the Quality Control acceptance of the analytical protocol. The accuracy, precision, and completeness requirements were addressed by the laboratory for all data generated.

APPENDIX H
ENVIRONMENTAL FOOTPRINT ANALYSIS

440 Park Avenue South, 7th Floor
New York, NY 10016
tel: 212.696.0670
www.akrf.com

Mr. Javier Perez-Maldonado
NYSDEC
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY, 12233-7016

08.28.2025

Re: Environmental Footprint Analysis (EFA)
350 Grand Concourse, Bronx, NY
NYSDEC BCP Site No. C203153

Dear Mr. Perez-Maldonado:

This Environmental Footprint Analysis (EFA) has been prepared by AKRF, Inc. (AKRF) on behalf of 350 GC Property Owner LLC (the "Client") for the site [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203153] located at the above-referenced location, also identified as New York City Tax Block 2341, portion of Lot 42 (the "Site"). As further detailed in the November 2023 NYSDEC Memorandum, DER-31: Green and Sustainable Remediation Initiative, beginning January 1, 2024, all remedial work plans and reports submitted to NYSDEC pursuant to a remedial program under Part 375 are required to address green and sustainable remediation (GSR) in accordance with DER-31. The EFA requirement was incorporated into the NYSDEC Decision Document as a requirement for selection between the two remedial alternatives — Track 1 and Track 2.

This EFA focuses on the primary components of the remedies: excavation and disposal of contaminated soil, installation of a vapor barrier, import of approved materials for backfill, and treatment of groundwater, and dewatering before disposal to the nearby sewer. Remedial activities including backfilling the Site after excavation would be performed using import of approximately 33,600 tons of soil for Track 1 and approximately 18,600 tons for Track 2. Remedial activities also will include removal and off-site disposal of soil/fill materials, and daily use of heavy machinery.

This EFA was performed consistent with NYSDEC guidelines, the methodologies used in the Environmental Protection Agency (EPA) Spreadsheets for Environmental Footprint Analysis (SEFA) tool, and the requirements of the Climate Leadership and Community Protection Act (CLCPA).

GREENHOUSE GASES

Greenhouse gases (GHGs) are those gaseous constituents of the atmosphere, both natural and anthropogenic, that absorb and emit radiation at specific wavelengths within the spectrum of infrared radiation emitted by the Earth's surface, the atmosphere, and clouds. The general warming of the Earth's atmosphere caused by this phenomenon is known as the "greenhouse effect." The United States Environmental Protection Agency (EPA) identifies seven types of GHGs that are relevant for GHG inventory purposes: carbon dioxide (CO_2), nitrous oxide (N_2O), methane (CH_4), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), nitrogen trifluoride (NF_3), and sulfur hexafluoride (SF_6). There are no significant direct or indirect sources of HFCs, PFCs, NF_3, or SF_6 associated with the selected remedy; therefore, the GHG assessment focuses on CO_2, N_2O, and methane.

To present a complete inventory of all GHGs, component emissions are added together and presented as carbon dioxide equivalent (CO_2e) emissions—a unit representing the quantity of each GHG weighted by its effectiveness using CO_2 as a reference. This is achieved by multiplying the quantity of each GHG emitted

by a factor called global warming potential (GWP). GWPs account for the lifetime and the radiative forcing[1] of each chemical over a period of 20 years (e.g., CO_2 has a much shorter atmospheric lifetime than N_2O and therefore has a much lower GWP). The GWPs for the main GHGs discussed here are presented in **Table 1**.

Table 1
Global Warming Potential (GWP) for Major GHGs

Greenhouse Gas	20-Year Horizon GWP
Carbon Dioxide (CO_2)	1
Methane (CH_4)	84
Nitrous Oxide (N_2O)	264
Source: 6 NYCRR 496.5	

Statewide GHG Inventory and Emission Limit

In July 2019, New York State enacted the CLCPA establishing statewide GHG emission limits that represent a 40 percent reduction from 1990 levels by 2030, and an 85 percent reduction from 1990 levels by 2050. Among other requirements to meet the state's emission reduction goals, the CLCPA directs state agencies to determine if their decisions are consistent with the statewide GHG emission limits established by the CLCPA in the Environmental Conservation Law (ECL) Article 75[2].

As part of the regulations adopted at 6 NYCRR Part 496 in 2020, the New York State Energy Research and Development Authority (NYSERDA) developed the 1990 baseline GHG emissions for New York State consistent with the calculation requirements specified under the CLCPA. The statewide inventory is separated into four sectors—Energy Sector, Industrial Processes and Product Use, Agriculture Forestry and Other Land Use, and Waste. The GHG emissions associated with the selected remedy would fall within the Energy Sector (including emissions from the direct fuel combustion and electricity usage), the Industrial Processes and Product Use Sector (the embodied emissions from the manufacturing process of materials brought to the Site), and the Waste Sector (emissions associated with the end of life for materials removed from the Site for disposal).

The GHG inventory performed by NYSERDA determined a statewide 1990 annual baseline emission total of 409.78 million metric tons (MMT) of CO_2e. As established in 6 NYCRR Part 496, the statewide annual CO_2e emission limits for 2030 and 2050 as 245.87 MMT and 61.47 MMT, respectively.

METHODOLOGY

On-Site Fuel Usage

Direct Emissions

Consistent with the SEFA tool, on-site fuel (i.e., direct) emissions were estimated based on the fuel consumption associated with construction equipment used during implementation of the remedy. On-site emissions were calculated for non-road construction engines based on specific estimates of construction activity and fuel consumption data from the NONROAD emissions module within model EPA's MOVES model. The detailed data, including the number, type, power rating, and hours of operation for all construction engines was coupled with fuel consumption rate data from EPA's MOVES model to estimate total fuel consumption throughout the duration of the construction activities.

Direct GHG emissions from Site work were calculated based on fuel consumption over the duration to complete the remedies — approximately six months to complete Track 1 or 2. The quantity of fuel was then multiplied by a unit-specific CO_2 emission factor of 10.21 kg per gallon of diesel—taken from EPA's Emission Factors for Greenhouse Gas Inventories. In order to develop CO_2e emission factors, emission

[1] *Radiative forcing* is a measure of the influence a gas has in altering the balance of incoming and outgoing energy in the Earth-atmosphere system and is an index of the importance of the gas as a GHG.

[2] CLCPA Section 7(2).

factors of N_2O and CH_4 for diesel construction equipment (1.01 g/gallon and 0.94 g/gallon, respectively) were also taken from EPA's Emission Factors Hub.

Upstream Emissions

Upstream GHG emissions were also projected based upon the estimated fuel consumption required for the selected remedy. Upstream emission factors for diesel have been specified by NYSDEC for upstream and out-of-state emissions.[3]

Off-Site Fuel Usage

Consistent with the SEFA tool, GHG emissions associated with the truck and worker trips to the Site were estimated. The numbers of trucks (concrete trucks, dump trucks, and tractor trailers) and workers for each phase of construction activity were used to estimate truck and vehicle VMT. Distances for truck deliveries were developed based on estimates of the origin and destination of materials. Table 18-7 of the *CEQR Technical Manual* was used to determine the percentage of vehicle miles traveled by road type, and the most recent version of the EPA MOVES model provided an estimate of truck GHG emission factors, which were used to produce the associated emissions attributable to the selected remedy.

GHG emissions generated by the selected remedy associated with the number of vehicle trips by mode (e.g., worker cars, delivery trucks) were calculated using the estimated number vehicles traveling to the Site to develop total vehicle miles traveled (VMT). VMT was calculated using an average round-trip commute distance of 25.3 miles for construction workers in the New York City Region (based on the average trip to work distance for the New York Metropolitan Area area)[4]; and representative round-trip distances for truck deliveries were based on EPA default one-way distances of 50 miles for construction waste and debris, and 25 miles for soil disposal and material deliveries.

Based upon a duration of six months to complete Track 1, 20,254 VMT were estimated for construction worker travel. Construction/delivery truck trips were estimated to result in 105,436 VMT. In the six months to complete Track 2, 20,254 VMT were estimated for construction worker travel. Construction/delivery truck trips were estimated to result in 63,349 VMT. GHG emissions were then estimated directly using CO_2e emission factors from the most recent version of the EPA MOVES model (MOVES4).

Material Emissions

Emissions related to the production of construction materials (embodied emissions) were estimated based on the quantity of materials to be brought to the Site along with the appropriate CO_2e emission factors used in the SEFA tool. Both Track 1 and Track 2 will import approximately 6 tons of vapor barrier and 5,920 tons of soil. Additionally, groundwater treatment chemicals will be imported with a total of approximately 3.5 tons for Track 1 and approximately 1 ton for Track 2.

Waste Emissions

Emissions associated with disposed materials exported from the Site were estimated based on the quantity of materials to be removed, the description of those materials, the potential destination, and the appropriate CO_2e emission factors used in the SEFA tool. Track 1 and Track 2 will require export of 33,600 and 18,600 tons of non-hazardous soil, respectively. For either remedial alternative, it is assumed that approximately 3,240,000 gallons of groundwater would be treated on site and discharged to the sewer adjacent to the site. All exported materials to be sent to hazardous or non-hazardous waste landfill facilities for disposal, as applicable. Therefore, emissions associated with both waste handling and transportation of the materials to the disposal facility were included in the off-site fuel usage estimates.

[3] NYSDEC. Appendix A of the *2024 Statewide GHG Emission Report*. December 2024.

[4] New York State Department of Transportation (NYSDOT). *2009 NHTS, New York State Add-On*. Key Tables. Table 3: Average Travel Day Person-Trip Length by Mode and Purpose, trip-to work distance for SOV in NYMTC 10-county area. 2011.

PROJECTED CARBON FOOTPRINT

The estimated GHG emissions for the selected remedy are presented in **Tables 2 and 3**. Detailed calculations can be found in Appendix A.

Table 2
Summary of GHG Emissions—Track 1
(metric tons CO2e)

Core Element	Energy Consumption (MMBtu)	Direct Emissions	Indirect Emissions	*Total*
On-Site Fuel Usage	*1,665*	*124*	*40*	*164*
Off-Site Fuel Usage	*3,141*	*0*	*232*	*232*
Material	*764*	*0*	*28*	*28*
Waste	*7,657*	*0*	*543*	*543*
Total	***13,227***	***124***	***843***	***967***
Note: Totals may not sum due to rounding. See detailed calculations in Appendix A.				

Table 3
Summary of GHG Emissions—Track 2
(metric tons CO2e)

Core Element	Energy Consumption (MMBtu)	Direct Emissions	Indirect Emissions	*Total*
On-Site Fuel Usage	*1,665*	*124*	*40*	*164*
Off-Site Fuel Usage	*1,929*	*0*	*143*	*143*
Material	*686*	*0*	*24*	*24*
Waste	*5,257*	*0*	*373*	*373*
Total	***9,537***	***124***	***579***	***703***
Note: Totals may not sum due to rounding. See detailed calculations in Appendix A.				

If you have any questions or require additional information, please contact me at (646) 388-9846 or Kenneth Wiles at (646) 388-9528.

Sincerely,
AKRF, Inc.

Kevin Edwards
Senior Technical Director

Enclosures: Appendix A – GHG Emissions Detailed Calculations

APPENDIX A
GHG EMISSIONS DETAILED CALCULATIONS

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Construction Emissions Summary

Table B
Summary of GHG Emissions--Track 1
(metric tons CO2e)

Core Element	Energy Consumption (MMBtu)	Direct Emissions	Indirect Emissions	*Total*
On-Site Fuel Usage	1,665	*124*	*40*	*164*
Off-Site Fuel Usage	3,141	*0*	*232*	*232*
Material	764	*0*	*28*	*28*
Waste	7,657	*0*	*543*	*543*
Total	**13,227**	**124**	**843**	***967***

Note: Totals may not sum due to rounding. See detailed calculations in Attachment A.

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Construction Task Schedule

Representative Start Date 1/2/2026

Site	Task	Duration		
		Days	Start	End
350 Grand Concourse	Export	128	1/2/2026	6/30/2026
	Import	17	6/8/2026	6/30/2026
	Total	128	1/2/2026	6/30/2026

350 Grand Concourse

Excavated Soil		
Non-Hazardous	33,600	ton
Lead	-	ton
TCE	-	ton
TOTAL	33,600	ton
Vapor Barrier Import	43,400	SF
	6	ton
Soil Import	3,700	CY
	5,920	ton
Groundwater Disposal	3240000	gallons
	14256	ton
Groundwater Treatment Import	7000	lbs
	3.5	ton

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Truck Schedule

Import/Export Material Type	Material Origin/Destination	Tonnage	Total Trucks	Travel Distance (mi)
SOIL DISPOSAL				
	TOTAL	33,600	1,400	
	Landfill (Prospect Park, NJ)	26,880	1,120	21.4
	Landfill (Carteret, NJ)	3,360	140	32.4
	Landfill (New Castle, DE)	3,360	140	133.1
VAPOR BARRIER IMPORT				
	TOTAL	6	1	
	Remediation Import (SEFA Deault)	6	1	25.0
SOIL IMPORT				
	TOTAL	5,920	185	
	Remediation Import (SEFA Deault)	5,920	185	25.0
GROUNDWATER TREAMENT IMPORT				
	TOTAL	4	1	
	Remediation Import (Nashille, TN)	4	1	930.0

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Worker Projections

Site	Start Date	End Date	Task	Workers Per Day	Modal Split	Auto Occupancy	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																															
	Jan-26	Jun-26	Export/Import	20	43%	1.17	154	147	169	169	162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Monthly trips (trip/month)				**154**	**147**	**169**	**169**	**162**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

Site	Start Date	End Date	Task	One Way Trip Distance (mi)		2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export/Import	12.64		3902	3716	4274	4274	4088	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Monthly VMT (mi/month)			**3902**	**3716**	**4274**	**4274**	**4088**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

Total VMT **20,254** mi

Fuel Consumption
697 gallons
87 MMBtu

Site	Start Date	End Date	Task	CO2e Emission Factor		2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export/Import	306		1193	1137	1307	1307	1250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Monthly Emissions (kg/month)			**1,193**	**1,137**	**1,307**	**1,307**	**1,250**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
			Monthly Emissions (MT/month)			**1.2**	**1.1**	**1.3**	**1.3**	**1.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	

Total Emissions
6,195 kg
6 metric ton

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Truck Emissions

Site	Start Date	End Date	Task	Truck Activity	Origin/Destination	Total Trucks	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export																											
				Soil Disposal	Prospect Park, NJ	1,120	184	175	193	193	184	193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	Carteret, NJ	140	23	22	24	24	23	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	New Castle, DE	140	23	22	24	24	23	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jun-26	Jun-26	Import																											
				Vapor Barrier Import	SEFA Default	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Import	SEFA Default	185	0	0	0	0	0	185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				GW Treatment Import	Nashville, TN	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Monthly trips (trip/month)		**230**	**219**	**241**	**241**	**230**	**428**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Site	Start Date	End Date	Task	Truck Activity	Origin/Destination	One Way Trip Distance	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export																											
				Soil Disposal	Prospect Park, NJ	21	7,864.5	7,490.0	8,239.0	8,239.0	7,864.5	8,239.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				Soil Disposal	Carteret, NJ	32	1,488.4	1,417.5	1,559.3	1,559.3	1,488.4	1,559.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				Soil Disposal	New Castle, DE	133	6,114.3	5,823.1	6,405.4	6,405.4	6,114.3	6,405.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jun-26	Jun-26	Import																											
				Vapor Barrier Import	SEFA Default	25	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				Soil Import	SEFA Default	25	0.0	0.0	0.0	0.0	0.0	9,250.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				GW Treatment Import	Nashville, TN	930	0.0	0.0	0.0	0.0	0.0	1,860.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					Monthly VMT (mi/month)		**15,467.2**	**14,730.6**	**16,203.7**	**16,203.7**	**15,467.2**	**27,363.7**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Total VMT
105,436 mi

Fuel Consumption
21,995 gallon
3,035 MMBtu

Site	Start Date	End Date	Task	Truck Activity	Origin/Destination	CO2e Emission Factor	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export																											
				Soil Disposal	Prospect Park, NJ	2,129	16,744	15,947	17,541	17,541	16,744	17,541	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	Carteret, NJ	2,129	3,169	3,018	3,320	3,320	3,169	3,320	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	New Castle, DE	2,129	13,018	12,398	13,638	13,638	13,018	13,638	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jun-26	Jun-26	Import																											
				Vapor Barrier Import	SEFA Default	2,129	0	0	0	0	0	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Import	SEFA Default	2,129	0	0	0	0	0	19,694	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				GW Treatment Import	Nashville, TN	2,129	0	0	0	0	0	3,960	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Monthly Emissions (kg/month)		**32,931**	**31,363**	**34,499**	**34,499**	**32,931**	**58,259**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
					Monthly Emissions (MT/month)		**33**	**31**	**34**	**34**	**33**	**58**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Total Emissions
224,482 kg
224 metric ton

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Equipment Schedule

	Start Date	End Date	Equipment	Engine type	Size (hp)	Qty	Daily use	Average Use	Load	Fuel Consumption Factor (g/hp-hr) 2026	Short-Term BSFC Factor (lb/day) 2026	Fuel Consumption Factor (gal/hp-hr) 2026	Short-Term BSFC Factor (gal/day) 2026
Export													
	1/2/2026	6/30/2026	Backhoe	diesel	100	1	100%	100%	21%	218.1776822	80.80790289	0.068614815	11.52728885
	1/2/2026	6/30/2026	Generator	diesel	50	1	100%	100%	43%	185.0655186	70.1759315	0.058201353	10.01063267
	1/2/2026	6/30/2026	Excavator	diesel	250	1	100%	100%	59%	168.2826573	437.7796798	0.052923302	62.44949617
Import													
	6/8/2026	6/30/2026	Excavator	diesel	250	1	100%	100%	59%	168.2826573	437.7796798	0.052923302	62.44949617

Export	588.7635142		83.98741769
Import	437.7796798		62.44949617

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Equipment Emissions

Site	Start Date	End Date	Task	Annual BSFC Factor (lb/day)	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export	588.7635142	12,364	11,775	13,542	13,542	12,953	12,953																			
	Jun-26	Jun-26	Import	437.7796798						7,442																				

Site	Start Date	End Date	Task	Annual Fuel Consumption (gal/day)	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export	83.98741769	1,764	1,680	1,932	1,932	1,848	1,848																			
	Jun-26	Jun-26	Import	62.44949617						1,062																				
			Monthly Fuel Consumption (gal/month)		1,764	1,680	1,932	1,932	1,848	2,909	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Fuel Consumption
12,064 gal
1,665 MMBtu

Annual CO2 Emissions (kg/month) / **Annual CO2 Emissions (kg/month)**

Site	Start Date	End Date	Task	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																												
	Jan-26	Jun-26	Export	#######	17150.23	19722.77	19722.77	18865.25	18865.25																			
	Jun-26	Jun-26	Import						10839.36																				
			Monthly Emissions (kg/month)	18,008	17,150	19,723	19,723	18,865	29,705	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annual CH4 Emissions (kg/month) / **Annual CH4 Emissions (kg/month)**

Site	Start Date	End Date	Task	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																												
	Jan-26	Jun-26	Export	0.72	0.688697	0.792001	0.792001	0.757567	0.757567																			
	Jun-26	Jun-26	Import						0.435273																				
			Monthly Emissions (kg/month)	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annual N2O Emissions (kg/month) / **Annual N2O Emissions (kg/month)**

Site	Start Date	End Date	Task	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																												
	Jan-26	Jun-26	Export	0.14	0.13438	0.154537	0.154537	0.147818	0.147818																			
	Jun-26	Jun-26	Import						0.084931																				
			Monthly Emissions (kg/month)	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annual Direct CO2e Emissions (kg/month) / **Annual Direct CO2e Emissions (kg/month)**

Site	Start Date	End Date	Task	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																												
	Jan-26	Jun-26	Export	#######	17243.56	19830.09	19830.09	18967.91	18967.91																			
	Jun-26	Jun-26	Import						10898.34																				
			Monthly Emissions (kg/month)	18,106	17,244	19,830	19,830	18,968	29,866	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Monthly Emissions (MT/month)	18.11	17.24	19.83	19.83	18.97	29.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Emissions
123,844 kg
124 metric ton

Annual Upstream CO2e Emissions (kg/month) / **Annual Upstream CO2e Emissions (kg/month)**

Site	Start Date	End Date	Task	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																												
	Jan-26	Jun-26	Export	5,893.58	5612.933	6454.873	6454.873	6174.226	6174.226																			
	Jun-26	Jun-26	Import						3547.509																				
			Monthly Emissions (kg/month)	5,894	5,613	6,455	6,455	6,174	9,722	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Monthly Emissions (MT/month)	5.89	5.61	6.45	6.45	6.17	9.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Emissions
40,312 kg
40 metric ton

Emissions Summary (metric ton)

	Monthly																											Annual Total
Equipment-Direct	18	17	20	20	19	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	124
Equipment-Indirect	6	6	6	6	6	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Trucks	33	31	34	34	33	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	224
Cars	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Materials																												28
Waste																												543
Total	58	55	62	62	59	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	965

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Imported Material Emissions

							Lookup ID 3	4	5	6	7	8	
Material	**SEFA Lookup**	**Quantity**	**Unit**	**Conversion**	**Quantity**	**Unit**	**Energy Usage (MMBtu)**	**GHG (lb CO2e)**	**NOx (lb)**	**SOx (lb)**	**PM (lb)**	**HAPs (lb)**	
Vapor Barrier	HDPE	6	ton	2000	11,000	lb	365	21,340	36	45	5	1	
Soil	Sand	5,920	ton	2000	11,840,000	lb	294	28,416	213	54	31	4	
Groundwater Treament	Other Treatment Chemicals & Materials	4	ton	2000	7,000	lbs	105	11,690	21	46	4	0	
						Total	764	61,446	270	144	40	4	lb
								30.723	0.135	0.072	0.020	0.002	ton
								27,871					kg
								28					MT

SEFA Tool Material Table

		Lookup ID 3	4	5	6	7	8
Construction Materials	**Unit**	**Energy Usage (MMBtu/unit)**	**GHG (lb CO2e/unit)**	**NOx (lb/unit)**	**SOx (lb/unit)**	**PM (lb/unit)**	**HAPs (lb/unit)**
Aluminum, Rolled Sheet	lb	0.0633	9.15	0.0148	0.0283	0.0088	0.00102
Asphalt, mastic	lb	0.0412	0.85	0.00271	0.00798	0.000766	0.00107
Asphalt, paving-grade	lb	0.5	8.58	0.0299	0.0969	0.0091	0.0133
Ethanol, Corn, 95%	lb	0.0318	-0.0199	0.00425	0.00303	0.000469	0.0000846
Ethanol, Corn, 99.7%	lb	0.0324	0.0591	0.00431	0.0031	0.000472	0.000087
Ethanol, Petroleum, 99.7%	lb	0.0205	1.25	0.00199	0.00214	0.000277	0.0000589
Gravel/Sand Mix, 65% Gravel	lb	0.0000248	0.0024	0.000018	0.00000452	0.00000261	0.000000308
Gravel/sand/clay	lb	0.000028	0.00335	0.0000165	0.000015	0.000002	2.05E-10
HDPE	lb	0.0332	1.94	0.00325	0.00409	0.000439	0.0000641
Photovoltaic system (installed)	W	0.0336	4.47	0.015	0.032	0.00063	0.0000029
PVC	lb	0.0262	2.02	0.004	0.00274	0.000372	0.000375
Portland cement, US average	lb	0.0139	1.34	0.00654	0.0104	0.00378	0.00097
Ready-mixed concrete, 20 MPa	ft3	0.217	19.5	0.0975	0.154	0.057	0.0141
Round Gravel	lb	0.0000248	0.0024	0.000018	0.00000452	0.00000261	0.000000308
Sand	lb	0.0000248	0.0024	0.000018	0.00000452	0.00000261	0.000000308
Stainless Steel	lb	0.0116	3.4	0.0075	0.012	0.0044	0.000144
Steel	lb	0.0044	1.1	0.0014	0.0017	0.00056	0.000067
Other refined construction materials	lb	0.01885	2.115	0.0040375	0.0051325	0.00144275	0.000162525
Other unrefined construction materials	lb	0.000028	0.00335	0.0000165	0.000015	0.000002	2.05E-10
Cheese Whey	lbs	0.0025	0.031	0.000062	0.000033	0.000002	NP
Emulsified vegetable oil	lbs	0.0077	3.44	0.0066	0.0019	0.000033	NP
Granular activated carbon, primary	lbs	0.0356	4.82	0.0793	0.128	0.000987	0.000657
Granular activated carbon, regenerated	lbs	0.00873	1.7	0.00733	0.0129	0.000886	0.000671
Hydrogen Peroxide, 50% in H2O	lbs	0.00979	1.19	0.00142	0.0024	0.000308	0.0000629
Iron (II) Sulfate	lbs	0.00147	0.167	0.000316	0.000589	0.000103	0.000023
Lime, Hydrated, Packed	lbs	0.00206	0.762	0.000513	0.000358	0.00013	0.00000657
Molasses	lbs	0.0044	0.48	0.0011	0.00024	0.0000041	NP
Phosphoric Acid, 70% in H2O	lbs	0.0067	0.882	0.00282	0.0294	0.00171	0.000163
Potassium Permanganate	lbs	0.00981	1.16	0.00234	0.0032	0.000422	0.000122
Sodium Hydroxide, 50% in H2O	lbs	0.00977	1.09	0.00194	0.00352	0.000403	0.000129
Other Treatment Chemicals & Materials	lbs	0.015	1.67	0.003	0.0065	0.00061	0.000016

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Waste Emissions

							Lookup ID 3	4	5	6	7	8	
Material	**SEFA Lookup**	**Quantity**	**Unit**	**Conversion**	**Quantity**	**Unit**	**Energy Usage (MMBtu)**	**GHG (lb CO2e)**	**NOx (lb)**	**SOx (lb)**	**PM (lb)**	**HAPs (lb)**	
Non-hazardous Soil Disposal	Off-site non-hazardous waste landfill	33,600	ton	1	33,600	ton	5,376	840,000	4,704	2,520	13,440	47	
Groundwater Disposal	Off-site non-hazardous waste landfill	14,256	ton	1	14,256	ton	2,281	356,400	1,996	1,069	5,702	20	
						Total	7,657	1,196,400	6,700	3,589	19,142	67	lb
								598.200	3.350	1.795	9.571	0.033	ton
								542,678					kg
								543					MT

SEFA Tool Waste Table

		Lookup ID 3	4	5	6	7	8
Waste Treatment	**Unit**	**Energy Usage (MMBtu/unit)**	**GHG (lb CO2e/unit)**	**NOx (lb/unit)**	**SOx (lb/unit)**	**PM (lb/unit)**	**HAPs (lb/unit)**
Hazardous waste incineration	lb	0.00609	2.43	0.0016	0.00167	0.000209	0.000087
Off-site waste water treatment (POTW)	gal x 1000	0.015	4.4	0.016	0.015		
Off-site non-hazardous waste landfill	ton	0.16	25	0.14	0.075	0.4	0.0014
Off-site hazardous waste landfill	ton	0.18	27.5	0.154	0.0825	0.44	0.00154
Off-site Laboratory Analysis - Other	sample	0.058071029	6.85343842	0.131401957	0.303875767	0.045569824	0.033016529
Off-site Laboratory Analysis - Metals	sample	0.212	27.4693	0.6423	1.5072	0.2264	0.1643
Off-site Laboratory Analysis - Mercury	sample	0.073171472	9.325458	0.2127439	0.4982396	0.07473594	0.05423316
Off-site Laboratory Analysis - Inorganic Anions	sample	0.007402451	0.6459478	0.006768122	0.014792866	0.002202395	0.001554243
Off-site Laboratory Analysis - Alkalinity	sample	0.017439833	1.3381922	0.007010628	0.013249646	0.001940048	0.001283077
Off-site Laboratory Analysis - Perchlorate	sample	0.023884988	1.8717054	0.007980652	0.014153532	0.002054687	0.001287486
Off-site Laboratory Analysis - Nitrogen/Nitrate	sample	0.033647504	4.29897	0.09545918	0.2226646	0.03350992	0.0242506
Off-site Laboratory Analysis - Sulfate	sample	0.014122473	1.4726728	0.007980652	0.013602382	0.001979731	0.001201507
Off-site Laboratory Analysis - PCBs	sample	0.0512769	5.224902	0.08333388	0.19047744	0.02843934	0.021208252
Off-site Laboratory Analysis - VOCs	sample	0.076204487	9.016814	0.10449804	0.2270738	0.03395084	0.02358922
Off-site Laboratory Analysis - SVOCs	sample	0.071560184	7.870422	0.14594452	0.3373038	0.05048534	0.03725774

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Grid Electricity Emissions

					2026												2027												
Site	**Start Date**	**End Date**	**Eletrical Equipment**	**Daily Energy Demand (kWh/day)**	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	1/2/2026	6/30/2026	Mobile Office	50	1,050	1,000	1,150	1,150	1,100																				
					1,050	**1,000**	**1,150**	**1,150**	**1,100**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Demand
5,450 kWh
19 MMBtu

					2026												2027												
Site	**Start Date**	**End Date**	**Eletrical Equipment**	**Grid Baseload Emissions (g/kWh)**	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	1/2/2026	6/30/2026	Mobile Office	276.1942085	290,004	276,194	317,623	317,623	303,814																				
					290,004	**276,194**	**317,623**	**317,623**	**303,814**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					290	276	318	318	304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					0.3	0.3	0.3	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Emissions
1,505,258 g
1,505 kg
2 MT

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Emission Factors

BSFC Emission Factors (g/hp-hr)

ID	Equipment	Engine	SCC Code	HPmin	HPmax	HP	Equipment	Load	2026
	Dsl - Excavators	Diesel	2270002036	175	300	173-250	Excavator	59%	168.3
	Dsl - Tractors/Loaders/Backhoes	Diesel	2270002066	76	100	100	Backhoe	21%	218.2
	Dsl - Generator Sets	Diesel	2270006005	26	40	30	Generator	43%	185.1
	Dsl - Bore/Drill Rigs	Diesel	2270002033	301	600	450	Pile driver	43%	166.5
	Dsl - Crawler Tractor/Dozers	Diesel	2270002069	301	600	310	Dozer	59%	168.3
	Dsl - Other Construction Equipment	Diesel	2270002081	301	600	400	Concrete pump	59%	168.3
	Dsl - Rubber Tire Loaders	Diesel	2270002060	176	300	200	Wheeled front end loader	59%	168.3
	Dsl - Cranes	Diesel	2270002045	176	300	300	100 ton crawler crane	43%	166.5

*for excavator in 2006 Hpmax 300 used

Fuel Properties

Densities	kg/L	g/gal	lb/gal
Diesel	0.84	3,179.75	7.01
Gasoline	0.74	2,801.21	6.18
LPG	0.54	2,044.12	4.51

BSFC Emission Factors (gal/hp-hr)

ID	Equipment	Engine	SCC Code	HPmin	HPmax	HP	Equipment	Load	2026
	Dsl - Excavators	Diesel	2270002036	175	300	173-250	Excavator	59%	0.0529
	Dsl - Tractors/Loaders/Backhoes	Diesel	2270002066	76	100	100	Backhoe	21%	0.0686
	Dsl - Generator Sets	Diesel	2270006005	26	40	30	Generator	43%	0.0582
	Dsl - Bore/Drill Rigs	Diesel	2270002033	301	600	450	Pile driver	43%	0.0524
	Dsl - Crawler Tractor/Dozers	Diesel	2270002069	301	600	310	Dozer	59%	0.0529
	Dsl - Other Construction Equipment	Diesel	2270002081	301	600	400	Concrete pump	59%	0.0529
	Dsl - Rubber Tire Loaders	Diesel	2270002060	176	300	200	Wheeled front end loader	59%	0.0529
	Dsl - Cranes	Diesel	2270002045	176	300	300	100 ton crawler crane	43%	0.0524

EPA Fuel Emission Factors

Diesel

GWP-100	GWP-20	kg/gal	GHG	GWP-20 Equivalent Emissions		GWP-100 Equivalent Emissions		SEFA Default	
1	1	10.21	CO2	10.27	kg CO2e/gal	10.24268	kg CO2e/gal	10.20582833	kg CO2e/gal
28	84	0.00041	CH4	22.63168431	lb CO2e/gal	22.58124254	lb CO2e/gal	22.5	lb CO2e/gal
265	264	0.00008	N2O						

https://www.epa.gov/system/files/documents/2025-01/ghg-emission-factors-hub-2025.pdf

GWP-20 Equivalent Emissions with Upstream	
13.607092	kg CO2e/gal
29.99850086	lb CO2e/gal

Gasoline

GWP-100	GWP-20	kg/gal	GHG	GWP-20 Equivalent Emissions		GWP-100 Equivalent Emissions		SEFA Default	
1	1	8.78	CO2	8.83	kg CO2e/gal	8.81184	kg CO2e/gal	8.890410452	kg CO2e/gal
28	84	0.00038	CH4	19.47351852	lb CO2e/gal	19.42678052	lb CO2e/gal	19.6	lb CO2e/gal
265	264	0.00008	N2O						

ghg-emission-factors-hub-2025.pdf

MOVES TRUCKS FACTORS	PM2.5	PM10	CO	NOx	VOC	CO2e	SO2	
2024 - Truck Idling (g/hr)	6.71	7.30	25.14	96.40	11.5036	7746.96	0.0486427	
2024 - Truck Cruising - 5mph (g/veh)	0.24	0.26	1.49	4.36	0.327756	438.16	0.00275184	
2024 - Truck Cruising - 25mph (g/mi)	1.13	1.23	5.24	19.66	0.803909	2129.08	0.0133769	
2024 - Auto Cruising - 25mph (g/mi)	0.01	0.01	2.17	0.24	0.0458798	305.848	0.00525061	

Truck Mileage

10205.8283	g/gal
2129.08	g/mi
4.79353915	mpg
0.20861413	gal per mi
0.02878875	MMBtu/mi

Car Mileage

8890.41	g/gal
305.848	g/mi
29.06807	mpg
0.034402	gal per mi
0.0043	MMBtu/mi

Distance Traveled On-site: approximately 0.1 mile per truck

0.1 mile per truck

HHV

Diesel	0.138	mmBtu per gallon
Gasoline	0.125	mmBtu per gallon

NYSDEC Upstream Emission Factor

Table A1. 2021 Emission Rates for Upstream Out-of-State Sources (g/mmbtu)

	Diesel Fuel	
CH4	117.000	g/MMBtu
N2O	0.250	g/MMBtu
CO2	13,634	g/MMBtu
CO2e	24,214	g/MMBtu

	Diesel Fuel	
CH4	16.146	g/gal
N2O	0.035	g/gal
CO2	1,881	g/gal
CO2e	3,342	g/gal

NYSDEC, *Appendix A of the 2024 Statewide GHG Emission Report. December 2024*

eGRID Baseload Electricity Factor

Data Year	eGRID subregion acronym	eGRID subregion name	Unit	eGRID subregion annual CO2 total output emission rate	eGRID subregion annual CH4 total output emission rate	eGRID subregion annual N2O total output emission rate	eGRID subregion annual CO2 equivalent total output emission rate (GWP-100)	eGRID subregion annual CO2 equivalent total output emission rate (GWP-20)
2022	NYCW	NPCC NYC/Westchester	lb/MWh	602.088	0.056	0.008	605.872	608.904
			g/kWh	273.103	0.025	0.004	274.819	**276.194**

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Construction Emissions Summary

Table B
Summary of GHG Emissions--Track 2
(metric tons CO2e)

Core Element	Energy Consumption (MMBtu)	Direct Emissions	Indirect Emissions	*Total*
On-Site Fuel Usage	1,665	*124*	*40*	*164*
Off-Site Fuel Usage	1,929	*0*	*143*	*143*
Material	686	*0*	*24*	*24*
Waste	5,257	*0*	*373*	*373*
Total	**9,537**	**124**	**579**	***703***

Note: Totals may not sum due to rounding. See detailed calculations in Attachment A.

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Construction Task Schedule

Representative Start Date 1/2/2026

Site	Task	Duration		
		Days	Start	End
350 Grand Concourse	Export	128	1/2/2026	6/30/2026
	Import	17	6/8/2026	6/30/2026
	Total	128	1/2/2026	6/30/2026

350 Grand Concourse

Excavated Soil		
Non-Hazardous	18,600	ton
Lead	-	ton
TCE	-	ton
TOTAL	18,600	ton
Vapor Barrier Import	43,400	SF
	6	ton
Soil Import	3,700	CY
	5,920	ton
Groundwater Disposal	3240000	gallons
	14256	ton
Groundwater Treatment Import	1800	lbs
	0.9	ton

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Truck Schedule

Import/Export Material Type	Material Origin/Destination	Tonnage	Total Trucks	Travel Distance (mi)
SOIL DISPOSAL				
	TOTAL	18,600	775	
	Landfill (Prospect Park, NJ)	14,880	620	21.4
	Landfill (Carteret, NJ)	1,860	78	32.4
	Landfill (New Castle, DE)	1,860	78	133.1
VAPOR BARRIER IMPORT				
	TOTAL	6	1	
	Remediation Import (SEFA Deault)	6	1	25.0
SOIL IMPORT				
	TOTAL	5,920	185	
	Remediation Import (SEFA Deault)	5,920	185	25.0
GROUNDWATER TREAMENT IMPORT				
	TOTAL	1	1	
	Remediation Import (Nashille, TN)	1	1	930.0

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Worker Projections

						2026												2027												
Site	**Start Date**	**End Date**	**Task**	**Workers Per Day**	**Modal Split**	**Auto Occupancy**	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export/Import	20	43%	1.17	154	147	169	169	162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Monthly trips (trip/month)				**154**	**147**	**169**	**169**	**162**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

					2026												2027												
Site	**Start Date**	**End Date**	**Task**	**One Way Trip Distance (mi)**	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export/Import	12.64	3902	3716	4274	4274	4088	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Monthly VMT (mi/month)		**3902**	**3716**	**4274**	**4274**	**4088**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

Total VMT **20,254** mi

Fuel Consumption
697 gallons
87 MMBtu

						2026												2027												
Site	**Start Date**	**End Date**	**Task**	**CO2e Emission Factor**		Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export/Import	306		1193	1137	1307	1307	1250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Monthly Emissions (kg/month)			**1,193**	**1,137**	**1,307**	**1,307**	**1,250**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
			Monthly Emissions (MT/month)			**1.2**	**1.1**	**1.3**	**1.3**	**1.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	

Total Emissions
6,195 kg
6 metric ton

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Truck Emissions

Site	Start Date	End Date	Task	Truck Activity	Origin/Destination	Total Trucks	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export																											
				Soil Disposal	Prospect Park, NJ	620	102	97	107	107	102	107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	Carteret, NJ	78	13	12	13	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	New Castle, DE	78	13	12	13	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jun-26	Jun-26	Import																											
				Vapor Barrier Import	SEFA Default	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Import	SEFA Default	185	0	0	0	0	0	185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				GW Treatment Import	Nashville, TN	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Monthly trips (trip/month)		**127**	**121**	**133**	**133**	**127**	**320**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

Site	Start Date	End Date	Task	Truck Activity	Origin/Destination	One Way Trip Distance	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export																											
				Soil Disposal	Prospect Park, NJ	21	4,353.6	4,146.3	4,560.9	4,560.9	4,353.6	4,560.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				Soil Disposal	Carteret, NJ	32	823.9	784.7	863.2	863.2	823.9	863.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				Soil Disposal	New Castle, DE	133	3,384.7	3,223.5	3,545.9	3,545.9	3,384.7	3,545.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jun-26	Jun-26	Import																											
				Vapor Barrier Import	SEFA Default	25	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				Soil Import	SEFA Default	25	0.0	0.0	0.0	0.0	0.0	9,250.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				GW Treatment Import	Nashville, TN	930	0.0	0.0	0.0	0.0	0.0	1,860.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					Monthly VMT (mi/month)		**8,562.2**	**8,154.5**	**8,969.9**	**8,969.9**	**8,562.2**	**20,129.9**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	

Total VMT
63,349 mi

Fuel Consumption
13,215 gallon
1,824 MMBtu

Site	Start Date	End Date	Task	Truck Activity	Origin/Destination	CO2e Emission Factor	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export																											
				Soil Disposal	Prospect Park, NJ	2,129	9,269	8,828	9,710	9,710	9,269	9,710	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	Carteret, NJ	2,129	1,754	1,671	1,838	1,838	1,754	1,838	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	New Castle, DE	2,129	7,206	6,863	7,549	7,549	7,206	7,549	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jun-26	Jun-26	Import																											
				Vapor Barrier Import	SEFA Default	2,129	0	0	0	0	0	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Import	SEFA Default	2,129	0	0	0	0	0	19,694	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				GW Treatment Import	Nashville, TN	2,129	0	0	0	0	0	3,960	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Monthly Emissions (kg/month)		**18,230**	**17,361**	**19,098**	**19,098**	**18,230**	**42,858**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
					Monthly Emissions (MT/month)		**18**	**17**	**19**	**19**	**18**	**43**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

Total Emissions
134,874 kg
135 metric ton

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Equipment Schedule

	Start Date	End Date	Equipment	Engine type	Size (hp)	Qty	Daily use	Average Use	Load	Fuel Consumption Factor (g/hp-hr) 2026	Short-Term BSFC Factor (lb/day) 2026	Fuel Consumption Factor (gal/hp-hr) 2026	Short-Term BSFC Factor (gal/day) 2026
Export													
	1/2/2026	6/30/2026	Backhoe	diesel	100	1	100%	100%	21%	218.1776822	80.80790289	0.068614815	11.52728885
	1/2/2026	6/30/2026	Generator	diesel	50	1	100%	100%	43%	185.0655186	70.1759315	0.058201353	10.01063267
	1/2/2026	6/30/2026	Excavator	diesel	250	1	100%	100%	59%	168.2826573	437.7796798	0.052923302	62.44949617
Import													
	6/8/2026	6/30/2026	Excavator	diesel	250	1	100%	100%	59%	168.2826573	437.7796798	0.052923302	62.44949617

Export	588.7635142		83.98741769
Import	437.7796798		62.44949617

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Equipment Emissions

Site	Start Date	End Date	Task	Annual BSFC Factor (lb/day)	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export	588.7635142	12,364	11,775	13,542	13,542	12,953	12,953																			
	Jun-26	Jun-26	Import	437.7796798						7,442																				

Site	Start Date	End Date	Task	Annual Fuel Consumption (gal/day)	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export	83.98741769	1,764	1,680	1,932	1,932	1,848	1,848																			
	Jun-26	Jun-26	Import	62.44949617						1,062																				
			Monthly Fuel Consumption (gal/month)		1,764	1,680	1,932	1,932	1,848	2,909	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Fuel Consumption
12,064 gal
1,665 MMBtu

Annual CO2 Emissions (kg/month)

Site	Start Date	End Date	Task		2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export		#######	17150.23	19722.77	19722.77	18865.25	18865.25																			
	Jun-26	Jun-26	Import							10839.36																				
			Monthly Emissions (kg/month)		18,008	17,150	19,723	19,723	18,865	29,705	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annual CH4 Emissions (kg/month)

Site	Start Date	End Date	Task		2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export		0.72	0.688697	0.792001	0.792001	0.757567	0.757567																			
	Jun-26	Jun-26	Import							0.435273																				
			Monthly Emissions (kg/month)		1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annual N2O Emissions (kg/month)

Site	Start Date	End Date	Task		2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export		0.14	0.13438	0.154537	0.154537	0.147818	0.147818																			
	Jun-26	Jun-26	Import							0.084931																				
			Monthly Emissions (kg/month)		0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annual Direct CO2e Emissions (kg/month)

Site	Start Date	End Date	Task		2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export		#######	17243.56	19830.09	19830.09	18967.91	18967.91																			
	Jun-26	Jun-26	Import							10898.34																				
			Monthly Emissions (kg/month)		18,106	17,244	19,830	19,830	18,968	29,866	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Monthly Emissions (MT/month)		18.11	17.24	19.83	19.83	18.97	29.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Emissions
123,844 kg
124 metric ton

Annual Upstream CO2e Emissions (kg/month)

Site	Start Date	End Date	Task		2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export		5,893.58	5612.933	6454.873	6454.873	6174.226	6174.226																			
	Jun-26	Jun-26	Import							3547.509																				
			Monthly Emissions (kg/month)		5,894	5,613	6,455	6,455	6,174	9,722	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Monthly Emissions (MT/month)		5.89	5.61	6.45	6.45	6.17	9.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Emissions
40,312 kg
40 metric ton

Emissions Summary (metric ton)

	Monthly																											Annual Total
Equipment-Direct	18	17	20	20	19	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	124
Equipment-Indirect	6	6	6	6	6	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Trucks	18	17	19	19	18	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
Cars	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Materials																												24
Waste																												373
Total	43	41	47	47	45	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	702

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Imported Material Emissions

							Lookup ID 3	4	5	6	7	8	
Material	**SEFA Lookup**	**Quantity**	**Unit**	**Conversion**	**Quantity**	**Unit**	**Energy Usage (MMBtu)**	**GHG (lb CO2e)**	**NOx (lb)**	**SOx (lb)**	**PM (lb)**	**HAPs (lb)**	
Vapor Barrier	HDPE	6	ton	2000	11,000	lb	365	21,340	36	45	5	1	
Soil	Sand	5,920	ton	2000	11,840,000	lb	294	28,416	213	54	31	4	
Groundwater Treament	Other Treatment Chemicals & Materials	1	ton	2001	1,801	lbs	27	3,008	5	12	1	0	
						Total	686	52,764	254	110	37	4	lb
								26.382	0.127	0.055	0.018	0.002	ton
								23,933					kg
								24					MT

SEFA Tool Material Table

		Lookup ID 3	4	5	6	7	8
Construction Materials	**Unit**	**Energy Usage (MMBtu/unit)**	**GHG (lb CO2e/unit)**	**NOx (lb/unit)**	**SOx (lb/unit)**	**PM (lb/unit)**	**HAPs (lb/unit)**
Aluminum, Rolled Sheet	lb	0.0633	9.15	0.0148	0.0283	0.0088	0.00102
Asphalt, mastic	lb	0.0412	0.85	0.00271	0.00798	0.000766	0.00107
Asphalt, paving-grade	lb	0.5	8.58	0.0299	0.0969	0.0091	0.0133
Ethanol, Corn, 95%	lb	0.0318	-0.0199	0.00425	0.00303	0.000469	0.0000846
Ethanol, Corn, 99.7%	lb	0.0324	0.0591	0.00431	0.0031	0.000472	0.000087
Ethanol, Petroleum, 99.7%	lb	0.0205	1.25	0.00199	0.00214	0.000277	0.0000589
Gravel/Sand Mix, 65% Gravel	lb	0.0000248	0.0024	0.000018	0.00000452	0.00000261	0.000000308
Gravel/sand/clay	lb	0.000028	0.00335	0.0000165	0.000015	0.000002	2.05E-10
HDPE	lb	0.0332	1.94	0.00325	0.00409	0.000439	0.0000641
Photovoltaic system (installed)	W	0.0336	4.47	0.015	0.032	0.00063	0.0000029
PVC	lb	0.0262	2.02	0.004	0.00274	0.000372	0.000375
Portland cement, US average	lb	0.0139	1.34	0.00654	0.0104	0.00378	0.00097
Ready-mixed concrete, 20 MPa	ft3	0.217	19.5	0.0975	0.154	0.057	0.0141
Round Gravel	lb	0.0000248	0.0024	0.000018	0.00000452	0.00000261	0.000000308
Sand	lb	0.0000248	0.0024	0.000018	0.00000452	0.00000261	0.000000308
Stainless Steel	lb	0.0116	3.4	0.0075	0.012	0.0044	0.000144
Steel	lb	0.0044	1.1	0.0014	0.0017	0.00056	0.000067
Other refined construction materials	lb	0.01885	2.115	0.0040375	0.0051325	0.00144275	0.000162525
Other unrefined construction materials	lb	0.000028	0.00335	0.0000165	0.000015	0.000002	2.05E-10
Cheese Whey	lbs	0.0025	0.031	0.000062	0.000033	0.000002	NP
Emulsified vegetable oil	lbs	0.0077	3.44	0.0066	0.0019	0.000033	NP
Granular activated carbon, primary	lbs	0.0356	4.82	0.0793	0.128	0.000987	0.000657
Granular activated carbon, regenerated	lbs	0.00873	1.7	0.00733	0.0129	0.000886	0.000671
Hydrogen Peroxide, 50% in H2O	lbs	0.00979	1.19	0.00142	0.0024	0.000308	0.0000629
Iron (II) Sulfate	lbs	0.00147	0.167	0.000316	0.000589	0.000103	0.000023
Lime, Hydrated, Packed	lbs	0.00206	0.762	0.000513	0.000358	0.00013	0.00000657
Molasses	lbs	0.0044	0.48	0.0011	0.00024	0.0000041	NP
Phosphoric Acid, 70% in H2O	lbs	0.0067	0.882	0.00282	0.0294	0.00171	0.000163
Potassium Permanganate	lbs	0.00981	1.16	0.00234	0.0032	0.000422	0.000122
Sodium Hydroxide, 50% in H2O	lbs	0.00977	1.09	0.00194	0.00352	0.000403	0.000129
Other Treatment Chemicals & Materials	lbs	0.015	1.67	0.003	0.0065	0.00061	0.000016

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Waste Emissions

							Lookup ID 3	4	5	6	7	8	
Material	**SEFA Lookup**	**Quantity**	**Unit**	**Conversion**	**Quantity**	**Unit**	**Energy Usage (MMBtu)**	**GHG (lb CO2e)**	**NOx (lb)**	**SOx (lb)**	**PM (lb)**	**HAPs (lb)**	
Non-hazardous Soil Disposal	Off-site non-hazardous waste landfill	18,600	ton	1	18,600	ton	2,976	465,000	2,604	1,395	7,440	26	
Groundwater Disposal	Off-site non-hazardous waste landfill	14,256	ton	1	14,256	ton	2,281	356,400	1,996	1,069	5,702	20	
						Total	5,257	821,400	4,600	2,464	13,142	46	lb
								410.700	2.300	1.232	6.571	0.023	ton
								372,581					kg
								373					MT

SEFA Tool Waste Table

		Lookup ID 3	4	5	6	7	8
Waste Treatment	**Unit**	**Energy Usage (MMBtu/unit)**	**GHG (lb CO2e/unit)**	**NOx (lb/unit)**	**SOx (lb/unit)**	**PM (lb/unit)**	**HAPs (lb/unit)**
Hazardous waste incineration	lb	0.00609	2.43	0.0016	0.00167	0.000209	0.000087
Off-site waste water treatment (POTW)	gal x 1000	0.015	4.4	0.016	0.015		
Off-site non-hazardous waste landfill	ton	0.16	25	0.14	0.075	0.4	0.0014
Off-site hazardous waste landfill	ton	0.18	27.5	0.154	0.0825	0.44	0.00154
Off-site Laboratory Analysis - Other	sample	0.058071029	6.85343842	0.131401957	0.303875767	0.045569824	0.033016529
Off-site Laboratory Analysis - Metals	sample	0.212	27.4693	0.6423	1.5072	0.2264	0.1643
Off-site Laboratory Analysis - Mercury	sample	0.073171472	9.325458	0.2127439	0.4982396	0.07473594	0.05423316
Off-site Laboratory Analysis - Inorganic Anions	sample	0.007402451	0.6459478	0.006768122	0.014792866	0.002202395	0.001554243
Off-site Laboratory Analysis - Alkalinity	sample	0.017439833	1.3381922	0.007010628	0.013249646	0.001940048	0.001283077
Off-site Laboratory Analysis - Perchlorate	sample	0.023884988	1.8717054	0.007980652	0.014153532	0.002054687	0.001287486
Off-site Laboratory Analysis - Nitrogen/Nitrate	sample	0.033647504	4.29897	0.09545918	0.2226646	0.03350992	0.0242506
Off-site Laboratory Analysis - Sulfate	sample	0.014122473	1.4726728	0.007980652	0.013602382	0.001979731	0.001201507
Off-site Laboratory Analysis - PCBs	sample	0.0512769	5.224902	0.08333388	0.19047744	0.02843934	0.021208252
Off-site Laboratory Analysis - VOCs	sample	0.076204487	9.016814	0.10449804	0.2270738	0.03395084	0.02358922
Off-site Laboratory Analysis - SVOCs	sample	0.071560184	7.870422	0.14594452	0.3373038	0.05048534	0.03725774

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Grid Electricity Emissions

					2026												2027												
Site	**Start Date**	**End Date**	**Eletrical Equipment**	**Daily Energy Demand (kWh/day)**	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	1/2/2026	6/30/2026	Mobile Office	50	1,050	1,000	1,150	1,150	1,100																				
					1,050	**1,000**	**1,150**	**1,150**	**1,100**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Demand
5,450 kWh
19 MMBtu

					2026												2027												
Site	**Start Date**	**End Date**	**Eletrical Equipment**	**Grid Baseload Emissions (g/kWh)**	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	1/2/2026	6/30/2026	Mobile Office	276.1942085	290,004	276,194	317,623	317,623	303,814																				
					290,004	**276,194**	**317,623**	**317,623**	**303,814**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					290	276	318	318	304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					0.3	0.3	0.3	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Emissions
1,505,258 g
1,505 kg
2 MT

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Emission Factors

BSFC Emission Factors (g/hp-hr)

ID	Equipment	Engine	SCC Code	HPmin	HPmax	HP	Equipment	Load	2026
	Dsl - Excavators	Diesel	2270002036	175	300	173-250	Excavator	59%	168.3
	Dsl - Tractors/Loaders/Backhoes	Diesel	2270002066	76	100	100	Backhoe	21%	218.2
	Dsl - Generator Sets	Diesel	2270006005	26	40	30	Generator	43%	185.1
	Dsl - Bore/Drill Rigs	Diesel	2270002033	301	600	450	Pile driver	43%	166.5
	Dsl - Crawler Tractor/Dozers	Diesel	2270002069	301	600	310	Dozer	59%	168.3
	Dsl - Other Construction Equipment	Diesel	2270002081	301	600	400	Concrete pump	59%	168.3
	Dsl - Rubber Tire Loaders	Diesel	2270002060	176	300	200	Wheeled front end loader	59%	168.3
	Dsl - Cranes	Diesel	2270002045	176	300	300	100 ton crawler crane	43%	166.5

*for excavator in 2006 Hpmax 300 used

Fuel Properties

Densities	kg/L	g/gal	lb/gal
Diesel	0.84	3,179.75	7.01
Gasoline	0.74	2,801.21	6.18
LPG	0.54	2,044.12	4.51

BSFC Emission Factors (gal/hp-hr)

ID	Equipment	Engine	SCC Code	HPmin	HPmax	HP	Equipment	Load	2026
	Dsl - Excavators	Diesel	2270002036	175	300	173-250	Excavator	59%	0.0529
	Dsl - Tractors/Loaders/Backhoes	Diesel	2270002066	76	100	100	Backhoe	21%	0.0686
	Dsl - Generator Sets	Diesel	2270006005	26	40	30	Generator	43%	0.0582
	Dsl - Bore/Drill Rigs	Diesel	2270002033	301	600	450	Pile driver	43%	0.0524
	Dsl - Crawler Tractor/Dozers	Diesel	2270002069	301	600	310	Dozer	59%	0.0529
	Dsl - Other Construction Equipment	Diesel	2270002081	301	600	400	Concrete pump	59%	0.0529
	Dsl - Rubber Tire Loaders	Diesel	2270002060	176	300	200	Wheeled front end loader	59%	0.0529
	Dsl - Cranes	Diesel	2270002045	176	300	300	100 ton crawler crane	43%	0.0524

EPA Fuel Emission Factors

Diesel

GWP-100	GWP-20	kg/gal	GHG	GWP-20 Equivalent Emissions		GWP-100 Equivalent Emissions		SEFA Default	
1	1	10.21	CO2	10.27	kg CO2e/gal	10.24268	kg CO2e/gal	10.20582833	kg CO2e/gal
28	84	0.00041	CH4	22.63168431	lb CO2e/gal	22.58124254	lb CO2e/gal	22.5	lb CO2e/gal
265	264	0.00008	N2O						

https://www.epa.gov/system/files/documents/2025-01/ghg-emission-factors-hub-2025.pdf

GWP-20 Equivalent Emissions with Upstream	
13.607092	kg CO2e/gal
29.99850086	lb CO2e/gal

Gasoline

GWP-100	GWP-20	kg/gal	GHG	GWP-20 Equivalent Emissions		GWP-100 Equivalent Emissions		SEFA Default	
1	1	8.78	CO2	8.83	kg CO2e/gal	8.81184	kg CO2e/gal	8.890410452	kg CO2e/gal
28	84	0.00038	CH4	19.47351852	lb CO2e/gal	19.42678052	lb CO2e/gal	19.6	lb CO2e/gal
265	264	0.00008	N2O						

ghg-emission-factors-hub-2025.pdf

MOVES TRUCKS FACTORS	PM2.5	PM10	CO	NOx	VOC	CO2e	SO2	
2024 - Truck Idling (g/hr)	6.71	7.30	25.14	96.40	11.5036	7746.96	0.0486427	
2024 - Truck Cruising - 5mph (g/veh)	0.24	0.26	1.49	4.36	0.327756	438.16	0.00275184	
2024 - Truck Cruising - 25mph (g/mi)	1.13	1.23	5.24	19.66	0.803909	2129.08	0.0133769	
2024 - Auto Cruising - 25mph (g/mi)	0.01	0.01	2.17	0.24	0.0458798	305.848	0.00525061	

Truck Mileage

10205.8283	g/gal
2129.08	g/mi
4.79353915	mpg
0.20861413	gal per mi
0.02878875	MMBtu/mi

Car Mileage

8890.41	g/gal
305.848	g/mi
29.06807	mpg
0.034402	gal per mi
0.0043	MMBtu/mi

Distance Traveled On-site: approximately 0.1 mile per truck

0.1 mile per truck

HHV

Diesel	0.138	mmBtu per gallon
Gasoline	0.125	mmBtu per gallon

NYSDEC Upstream Emission Factor

Table A1. 2021 Emission Rates for Upstream Out-of-State Sources (g/mmbtu)

	Diesel Fuel	
CH4	117.000	g/MMBtu
N2O	0.250	g/MMBtu
CO2	13,634	g/MMBtu
CO2e	24,214	g/MMBtu

	Diesel Fuel	
CH4	16.146	g/gal
N2O	0.035	g/gal
CO2	1,881	g/gal
CO2e	3,342	g/gal

NYSDEC, *Appendix A of the 2024 Statewide GHG Emission Report. December 2024*

eGRID Baseload Electricity Factor

Data Year	eGRID subregion acronym	eGRID subregion name	Unit	eGRID subregion annual CO2 total output emission rate	eGRID subregion annual CH4 total output emission rate	eGRID subregion annual N2O total output emission rate	eGRID subregion annual CO2 equivalent total output emission rate (GWP-100)	eGRID subregion annual CO2 equivalent total output emission rate (GWP-20)
2022	NYCW	NPCC NYC/Westchester	lb/MWh	602.088	0.056	0.008	605.872	608.904
			g/kWh	273.103	0.025	0.004	274.819	**276.194**

APPENDIX I
CLIMATE VULNERABILITY ASSESSMENT

akrf

440 Park Avenue South, 7th Floor
New York, NY 10016
tel: 212.696.0670
www.akrf.com

Mr. Javier Perez-Maldonado
NYSDEC
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY, 12233-7016

08.28.2025

Re: Climate Vulnerability Analysis
350 Grand Concourse, Bronx, NY
NYSDEC BCP Site No. C203153

Dear Mr. Perez-Maldonado:

This Climate Vulnerability Analysis (CVA) has been prepared by AKRF, Inc. (AKRF) on behalf of 350 GC Property Owner LLC (the "Client") for the Site [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203153] located at the above-referenced location, also identified as New York City Tax Block 2341, Lot 42 (the "Site"). As further detailed in the November 2023 NYSDEC Memorandum, DER-31: Green and Sustainable Remediation Initiative, beginning January 1, 2024, all remedial work plans and reports submitted to NYSDEC pursuant to a remedial program under Part 375 are required to address green and sustainable remediation (GSR) in accordance with DER-31. The EFA was incorporated into the NYSDEC Decision Document as a requirement for selection between the two remedial alternatives — Track 1 and Track 2.

This CVA focuses on the risks associated with the construction and operation of the primary components of each of the two remedial alternatives: excavation and disposal of contaminated soil, installation of a vapor barrier, import of approved materials for backfill, and treatment of groundwater, and dewatering before disposal to the nearby sewer.

POLICY CONTEXT

The New York State Sea Level Rise Task Force was created to assess potential impacts on the state's coastlines from rising seas and increased storm surge. The Task Force prepared a report of its findings and recommendations including protective and adaptive measures.[1] The recommendations are to: provide more protective standards for coastal development, wetlands protection, shoreline armoring, and post-storm recovery; implement adaptive measures for habitats; integrate climate change adaptation strategies into state environmental plans; and amend local and state regulations or statutes to respond to climate change. The Task Force also recommended the formal adoption of projections of sea-level rise.

The New York State Climate Action Plan Interim Report identified a number of policy options and actions that could increase the climate change resilience of natural systems, the built environment, and key economic sectors—focusing on agriculture, vulnerable coastal zones, ecosystems, water resources, energy infrastructure, public health, telecommunications and information infrastructure, and transportation.[2] New York State's Community Risk and Resiliency Act (CRRA)[3] requires that applicants for certain State programs demonstrate that they have taken into account future physical climate risks from storm surges, sea-level rise and flooding, and required the NYSDEC to establish official State sea-level rise projections.

[1] New York State Sea Level Rise Task Force. *Report to the Legislature*. December 2010.

[2] NYSERDA. New York State Climate Action Plan Interim Report. November 2010.

[3] *Community Risk and Resiliency Act.* Chapter 355, NY Laws of 2014. April 9, 2013. Signed September 22, 2014.

In February 2017, DEC adopted a rule (6 NYCRR Part 490) defining the existing projections for use. These projections provide the basis for State adaptation decisions and are available for use by all decision makers. CRRA applies to specific State permitting, funding and regulatory decisions, including: smart growth assessments; funding for wastewater treatment plants; siting of hazardous waste facilities; design and construction of petroleum and chemical bulk storage facilities; oil and gas drilling; and State acquisition of open space. As required under the CRRA, DEC published implementation guidance and reference to climate change projections specific to New York State in August 2021.

In New York City, the Climate Change Adaptation Task Force is tasked with fostering collaboration and cooperation between public and private organizations working to build the resilience of the city's critical infrastructure against rising seas, higher temperatures, and changing precipitation patterns. The Task Force is composed of over 57 New York City and State agencies, public authorities, and companies that operate, regulate, or maintain critical infrastructure in New York City. Led by the Mayor's Office of Climate and Environmental Justice, the Task Force works together to assess risks, prioritize strategies, and examine how standards and regulations may need to be adjusted in response to a changing climate.

To assist the Task Force, the New York City Panel on Climate Change (NPCC) has prepared a set of climate change projections for the New York City region[4], which was subsequently updated,[5,6] and has suggested approaches to create an effective adaptation program for critical infrastructure. The NPCC includes leading climatologists, sea-level rise specialists, adaptation experts, and engineers, as well as representatives from the insurance and legal sectors. The climate change projections include a summary of baseline and projected climate conditions throughout the 21st century including heat waves and cold events, intense precipitation and droughts, sea-level rise, and coastal storm levels and frequency.

Temperature & Urban Heat Island

The probability that New York City would experience an increase in air temperatures and relative humidity (characterized as the heat index of a given location) is considered by NPCC to be "very likely." NPCC projected that temperatures are likely to increase by up to 7.1 degrees Fahrenheit by the 2050s and that New York City would experience up to 9 heat waves per year with an average duration up to 6 days. By the end of the century, temperatures are likely to increase by up to 13.5 degrees Fahrenheit with up to 10 heat waves per year with an average duration of 10 days.

Precipitation

NPCC projected that precipitation levels are likely to increase by up to 13 percent compared to the 1971–2000 base period by the 2050s and up to 25 percent by the end of the century with up to 5 rainfall events projected to result in 2 inches or more of precipitation.

Sea Level Rise

NPCC has projected that sea levels are likely to increase by up to 23 inches by the 2050s and up to 65 inches by the end of the century (more detailed ranges and timescales are available). In general, the probability of increased sea levels is characterized by NPCC as "extremely likely," but there is uncertainty regarding the probability the various levels projected and timescale. Intense hurricanes are characterized by NPCC as "more likely than not" to increase in intensity and/or frequency, and the likelihood of changes in other large storms ("Nor'easters") are characterized by NPCC as unknown. Therefore, the projections for

---

[4] New York City Panel on Climate Change. *Climate Change Adaptation in New York City: Building a Risk Management Response*. Annals of the New York Academy of Sciences, May 2010.

[5] Braneon, C., Ortiz, L., Bader, D., Devineni, N., Orton, P., Rosenzweig, B., McPhearson, T., Smalls-Mantey, L., Gornitz, V., Mayo, T., Kadam, S., Sheerazi, H., Glenn, E., Yoon, L., Derras-Chouk, A., Towers, J., Leichenko, R., Balk, D., Marcotullio, P., & Horton, R. (2024). *NYC climate risk information 2022: Observations and projections*. Interim Report for Public Release https://climateassessment.nyc

[6] Balk, D., Braneon, C., Leichenko, R., Moss, R., Towers, J. (2024). *Climate Risk and Equity: Advancing Knowledge Toward a Sustainable Future: Introduction*. New York City Panel on Climate Change. https://climateassessment.nyc

future 1-in-100 coastal storm surge levels for New York City include only sea-level rise at this time, and do not account for changes in storm frequency.

CLIMATE RISKS

Temperature & Urban Heat Island

Existing Conditions

The Site is identified as being vulnerable to extreme heat by the New York City Department of Health (DOH), with a Heat Vulnerability Index (HVI) of 5 out of 5—the highest level of risk.[7] The proposed redevelopment plan is still being finalized and is subject to change, but will likely include a 14-story mixed-use commercial (grocery store) and residential building with Site-wide excavation to approximately 15 to 25 feet below ground surface (bgs); however, bedrock may limit the excavation depth in some areas of the Site. The Site is bounded by a three-story residential building and a five-story apartment building to the north, a nine-story hotel, followed by various automotive repair shops to the south, vacant vegetated area, followed by Metro North Railroad tracks to the east, and Grand Concourse, followed by a U-Haul Storage and Moving facility to the west (with subway beneath Grand Concourse). The surrounding area is developed primarily with automotive, commercial, transit, and residential uses. The underground NYC Transit subway tracks for the 4- and 5-Trains run beneath Grand Concourse, located west-adjacent to the Site.

Franz Sigel Park is located within half a mile north of the Site. Several other greenspaces, primarily in the form of playgrounds are located within walking distance from the Site. Other natural resources are easily accessible from the Site via public transportation, including Randall's Island.

Future Conditions

According to projections for increases in annual mean temperatures, the Site is anticipated to experience increased temperatures between 4.2 degrees Fahrenheit and 13.5 degrees Fahrenheit by the end of the century.[8, 9] Additionally, by the 2080s NPCC projects that the number of days with temperatures above 90 degrees Fahrenheit would increase by 91 days (or 69 days above 95 degrees Fahrenheit). By the end of the century, NPCC projects that New York City would likely experience up to 10 heat waves per year with an average duration of 10 days.

Climate Vulnerability of the Selected Remedy

The remedy would not be affected by the projected increase in temperature or urban heat island effect. Therefore, no further assessment of heat impacts is warranted.

Precipitation

Existing Conditions

Precipitation in New York City was observed to have increased by a rate of 0.76 inch per decade with an average storm rainfall intensity of approximately 2 inches in one hour and a 10 percent chance of occurrence per year. New York City Department of Environmental Protection (NYCDEP) has identified that

---

[7] NYCDOH. *Interactive Heat Vulnerability Index*. https://a816-dohbesp.nyc.gov/IndicatorPublic/beta/key-topics/climatehealth/hvi/

[8] NYSERDA. Climate Change in New York State. Updating the 2011 ClimAID Climate Risk Information Supplement to NYSERDA Report 11-18 (Responding to Climate Change in New York State). September 2014.

[9] Braneon, C., Ortiz, L., Bader, D., Devineni, N., Orton, P., Rosenzweig, B., McPhearson, T., Smalls-Mantey, L., Gornitz, V., Mayo, T., Kadam, S., Sheerazi, H., Glenn, E., Yoon, L., Derras-Chouk, A., Towers, J., Leichenko, R., Balk, D., Marcotullio, P., & Horton, R. (2024). *NYC climate risk information 2022: Observations and projections*. Interim Report for Public Release https://climateassessment.nyc

the Site does not experience nuisance flooding (with flood levels greater than 4 inches) or deep and continuous flooding (with flood levels greater than 1 foot).

Future Conditions

Annual precipitation levels are anticipated to increase in New York City up to 14 percent (approximately 56.7 inches per year) by the 2050s and up to 30 percent (approximately 64.6 inches per year) by the end of the century.[10]

Climate Vulnerability of the Selected and Implemented Remedy

As described in the draft Remedial Action Work Plan (RAWP), erosion and sedimentation control measures will be implemented for the selected remedy during construction activities at the Site. The RAWP includes requirements regarding stormwater management, erosion and sediment control, and construction practices to minimize stormwater contamination. Since remediation will be completed in approximately 6 months for Track 1 or 2, these measures are resilient to the current rainfall levels of approximately 2 inches in one hour.

Following completion, the remedy is not likely to be affected by increased future projected precipitation levels. Therefore, no further assessment of stormwater flooding impacts is warranted.

Sea Level Rise

Existing Conditions

According to current flood hazard projections,[11] the Site is not within the current 1-in-100 coastal storm surge levels. The nearest 1-in-100 flood zone (with flood elevations of 32 feet NAVD88) is located east of the Site in the adjacent block. The Site is within the current 1-in-500 coastal storm surge levels.

Note that these flood areas and elevations are likely conservatively high and may be revised in the future. On October 17, 2016, the Federal Emergency Management Agency (FEMA) and New York City Mayor de Blasio announced plans to revise the FEMA flood maps based on a 2015 New York City appeal of FEMA's flood risk calculations for New York City and the region. Therefore, it is possible that the revised FEMA current flood elevations would be lower, and the resulting future flood elevations, including sea-level rise, may also be lower than those presented here.

Future Conditions

According to NPCC data (under the NPCC high-end estimate), by the 2050s, the 1-in-100 flood levels could reach 23 inches higher due to sea-level rise. By the end of the century, the 1-in-100 flood levels could reach 65 inches higher.

Climate Vulnerability of the Selected Remedy

The completed remedy would not be affected by projected increases in sea level rise. Therefore, no further assessment of coastal flooding impacts is warranted.

CONCLUSIONS

Based on the review of potential flooding (from both sea level rise and increased precipitation) and heat impacts, the selected remedy is resilient to existing and future climate risks.

If you have any questions or require additional information, please contact me at (646) 388-9846 or Kenneth Wiles at (646) 388-9528.

---

[10] As noted by the NPCC, the greatest increases in precipitation are projected to occur during the winter months with smaller increased generally projected for the summer and fall seasons. However, NPCC projects that some reductions in mean precipitation is anticipated under the low-end scenario by 2100, with the greatest decreases projected for the summer and fall seasons.

[11] FEMA. *Preliminary Flood Insurance Rate Map*. Panel 3604970236G. Release Date: 12/05/2013.

Sincerely,
AKRF, Inc.

Kevin Edwards
Senior Technical Director

APPENDIX J
CITIZEN PARTICIPATION PLAN

NEW YORK STATE | Department of Environmental Conservation

Brownfield Cleanup Program

Citizen Participation Plan
for
350 Rising

June 2022

C203153
350 Grand Concourse
Bronx, NY 10451

TABLE OF CONTENTS

Section **Page Number**

1. What is New York's Brownfield Cleanup Program? 3

2. Citizen Participation Activities 3

3. Major Issues of Public Concern 8

4. Site Information 9

5. Investigation and Cleanup Process 10

Appendix A - Project Contacts and Locations of Reports and Information A-1

Appendix B - Site Contact List B-1

Appendix C - Site Location Map C-1

Appendix D - Brownfield Cleanup Program Process D-1

* * * * *

Note: The information presented in this Citizen Participation Plan was current as of the date of its approval by the New York State Department of Environmental Conservation. Portions of this Citizen Participation Plan may be revised during the site's investigation and cleanup process.

Applicant: **350 Rising LLC ("Applicant")**
Site Name: **350 Rising ("Site")**
Site Address: **350 Grand Concourse, Bronx, New York**
Site County: **Bronx**
Site Number: **C203153**

1. What is New York's Brownfield Cleanup Program?

New York's Brownfield Cleanup Program (BCP) works with private developers to encourage the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and developed. These uses include recreation, housing, and business.

A *brownfield* is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination. A brownfield typically is a former industrial or commercial property where operations may have resulted in environmental contamination. A brownfield can pose environmental, legal, and financial burdens on a community. If a brownfield is not addressed, it can reduce property values in the area and affect economic development of nearby properties.

The BCP is administered by the New York State Department of Environmental Conservation (NYSDEC) which oversees Applicants who conduct brownfield site investigation and cleanup activities. An Applicant is a person who has requested to participate in the BCP and has been accepted by NYSDEC. The BCP contains investigation and cleanup requirements, ensuring that cleanups protect public health and the environment. When NYSDEC certifies that these requirements have been met, the property can be reused or redeveloped for the intended use.

For more information about the BCP, go online at: http://www.dec.ny.gov/chemical/8450.html .

2. Citizen Participation Activities

Why NYSDEC Involves the Public and Why It Is Important

NYSDEC involves the public to improve the process of investigating and cleaning up contaminated sites, and to enable citizens to participate more fully in decisions that affect their health, environment, and social well-being. NYSDEC provides opportunities for citizen involvement and encourages early two-way communication with citizens before decision-makers form or adopt final positions.

Involving citizens affected and interested in site investigation and cleanup programs is important for many reasons. These include:

- Promoting the development of timely, effective site investigation and cleanup programs that protect public health and the environment

- Improving public access to, and understanding of, issues and information related to a particular site and that site's investigation and cleanup process

- Providing citizens with early and continuing opportunities to participate in NYSDEC's site investigation and cleanup process

- Ensuring that NYSDEC makes site investigation and cleanup decisions that benefit from input that reflects the interests and perspectives found within the affected community

- Encouraging dialogue to promote the exchange of information among the affected/interested public, State agencies, and other interested parties that strengthens trust among the parties, increases understanding of site and community issues and concerns, and improves decision-making.

This Citizen Participation Plan (CPP) provides information about how NYSDEC will inform and involve the public during the investigation and cleanup of the site identified above. The public information and involvement program will be carried out with assistance, as appropriate, from the Applicant.

Project Contacts

Appendix A identifies NYSDEC project contact(s) to whom the public should address questions or request information about the site's investigation and cleanup program. The public's suggestions about this CPP and the CP program for the site are always welcome. Interested people are encouraged to share their ideas and suggestions with the project contacts at any time.

Locations of Reports and Information

The locations of the reports and information related to the site's investigation and cleanup program also are identified in Appendix A. These locations provide convenient access to important project documents for public review and comment. Some documents may be placed on the NYSDEC web-site. If this occurs, NYSDEC will inform the public in fact sheets distributed about the site and by other means, as appropriate.

Site Contact List

Appendix B contains the site contact list. This list has been developed to keep the community informed about, and involved in, the site's investigation and cleanup process. The site contact list will be used periodically to distribute fact sheets that provide updates about the status of the project. These will include notifications of upcoming activities at the site (such as fieldwork), as well as availability of project documents and announcements about public comment periods.
The site contact list includes, at a minimum:

- Chief executive officer and planning board chairperson of each county, city, town and village in which the site is located;
- Residents, owners, and occupants of the site and properties adjacent to the site;
- The public water supplier which services the area in which the site is located;
- Any person who has requested to be placed on the site contact list;
- The administrator of any school or day care facility located on or near the site for purposes of posting and/or dissemination of information at the facility;
- Location(s) of reports and information.

The Site location is shown in Appendix C.

The Site contact list will be reviewed periodically and updated as appropriate. Individuals and organizations will be added to the site contact list upon request. Such requests should be submitted to the NYSDEC project contact(s) identified in Appendix A. Other additions to the Site contact list may be made at the discretion of the NYSDEC project manager, in consultation with other NYSDEC staff as appropriate.

Note: The first Site fact sheet (usually related to the draft Remedial Investigation Work Plan) is distributed both by paper mailing through the postal service and through DEC Delivers, its email listserv service. The fact sheet includes instructions for signing up with the appropriate county listserv to receive future notifications about the site. See http://www.dec.ny.gov/chemical/61092.html .

Subsequent fact sheets about the site will be distributed exclusively through the listserv, except for households without internet access that have indicated the need to continue to receive site information in paper form. Please advise the NYSDEC site project manager identified in Appendix A if that is the case. Paper mailings may continue during the investigation and cleanup process for some sites, based on public interest and need.

CP Activities

The table at the end of this section identifies the CP activities, at a minimum, that have been and will be conducted during the site's investigation and cleanup program. The flowchart in Appendix D shows how these CP activities integrate with the site investigation and cleanup process. The public is informed about these CP activities through fact sheets and notices distributed at significant points during the program. Elements of the investigation and cleanup process that match up with the CP activities are explained briefly in Section 5.

- **Notices and fact sheets** help the interested and affected public to understand contamination issues related to a site, and the nature and progress of efforts to investigate and clean up a site.

- **Public forums, comment periods and contact with project managers** provide opportunities for the public to contribute information, opinions and perspectives that have potential to influence decisions about a site's investigation and cleanup.

The public is encouraged to contact project staff at any time during the site's investigation and cleanup process with questions, comments, or requests for information.

This CP Plan may be revised due to changes in major issues of public concern identified in Section 3 or in the nature and scope of investigation and cleanup activities. Modifications may include additions to the site contact list and changes in planned citizen participation activities.

Technical Assistance Grant

NYSDEC must determine if the Site poses a significant threat to public health or the environment. This determination generally is made using information developed during the investigation of the Site, as described in Section 5.

If the site is determined to be a significant threat, a qualifying community group may apply for a Technical Assistance Grant (TAG). The purpose of a TAG is to provide funds to the qualifying group to obtain independent technical assistance. This assistance helps the TAG recipient to interpret and understand existing environmental information about the nature and extent of contamination related to the site and the development/implementation of a remedy.

An eligible community group must certify that its membership represents the interests of the community affected by the site, and that its members' health, economic well-being or enjoyment of the environment may be affected by a release or threatened release of contamination at the Site.

As of the date the declaration (page 2) was signed by the NYSDEC project manager, the significant threat determination for the site had not yet been made.

To verify the significant threat status of the Site, the interested public may contact the NYSDEC project manager identified in Appendix A.

For more information about TAGs, go online at http://www.dec.ny.gov/regulations/2590.html

Note: The table identifying the citizen participation activities related to the Site's investigation and cleanup program follows on the next page:

Citizen Participation Activities	Timing of CP Activity(ies)
Application Process:	
• Prepare site contact list • Establish document repository(ies)	At time of preparation of application to participate in the BCP.
• Publish notice in Environmental Notice Bulletin (ENB) announcing receipt of application and 30-day public comment period • Publish above ENB content in local newspaper • Mail above ENB content to site contact list • Conduct 30-day public comment period	When NYSDEC determines that BCP application is complete. The 30-day public comment period begins on date of publication of notice in ENB. End date of public comment period is as stated in ENB notice. Therefore, ENB notice, newspaper notice, and notice to the site contact list should be provided to the public at the same time.
After Execution of Brownfield Site Cleanup Agreement (BCA):	
• Prepare Citizen Participation (CP) Plan	Before start of Remedial Investigation **Note:** Applicant must submit CP Plan to NYSDEC for review and approval within 20 days of the effective date of the BCA.
Before NYSDEC Approves Remedial Investigation (RI) Work Plan:	
• Distribute fact sheet to site contact list about proposed RI activities and announcing 30-day public comment period about draft RI Work Plan • Conduct 30-day public comment period	Before NYSDEC approves RI Work Plan. If RI Work Plan is submitted with application, public comment periods will be combined and public notice will include fact sheet. Thirty-day public comment period begins/ends as per dates identified in fact sheet.
After Applicant Completes Remedial Investigation:	
• Distribute fact sheet to site contact list that describes RI results	Before NYSDEC approves RI Report
Before NYSDEC Approves Remedial Work Plan (RWP):	
• Distribute fact sheet to site contact list about draft RWP and announcing 45-day public comment period • Public meeting by NYSDEC about proposed RWP (if requested by affected community or at discretion of NYSDEC project manager) • Conduct 45-day public comment period	Before NYSDEC approves RWP. Forty-five day public comment period begins/ends as per dates identified in fact sheet. Public meeting would be held within the 45-day public comment period.
Before Applicant Starts Cleanup Action:	
• Distribute fact sheet to site contact list that describes upcoming cleanup action	Before the start of cleanup action.
After Applicant Completes Cleanup Action:	
• Distribute fact sheet to site contact list that announces that cleanup action has been completed and that NYSDEC is reviewing the Final Engineering Report • Distribute fact sheet to site contact list announcing NYSDEC approval of Final Engineering Report and issuance of Certificate of Completion (COC)	At the time the cleanup action has been completed. **Note:** The two fact sheets are combined when possible if there is not a delay in issuing the COC.

3. Major Issues of Public Concern

This section of the CP Plan identifies major issues of public concern that relate to the Site. Additional major issues of public concern may be identified during the course of the Site's investigation and cleanup process.

Redevelopment Project-Related Issues

The Applicant submitted a BCP Application to NYSDEC in January 2022 and the application was deemed complete by NYSDEC in April 2022. The BCP Application was available for public comment between March 7 and April 8, 2022. A Brownfield Cleanup Agreement (BCA) between the NYSDEC and the Volunteer was executed on May 4, 2022.

Under the BCP, the Site will be redeveloped for institutional use. Remediation of the Site will be based on the proposed development plans and will be implemented during the redevelopment process.

The proposed redevelopment project includes demolition of the existing structures and construction of a 12-story charter school.

The Site is located in an Environmental Justice Area. Environmental justice is defined as the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

Environmental justice efforts focus on improving the environment in communities, specifically minority and low-income communities, and addressing disproportionate adverse environmental impacts that may exist in those communities.

Since the Site is located in an Environmental Justice Area and a majority of the population in the surrounding area is of Hispanic or Latino origin, all future fact sheets will be translated into Spanish. There is also a large African-American population in the Site area.

For additional information, visit: https://statisticalatlas.com/tract/New-York/Bronx-County/005100/Overview

Furthermore, there may be issues with regards to noise, traffic, or odor concerning the site.

Potential Remediation/Construction-Related Issues

Issues of concern to the community during the on-site remediation phase will likely include those related to the removal of underground storage tanks (USTs) and the on-site handling and off-site disposal of contaminated soil. The likely concern to the surrounding community will be the possibility of the generation of vapors or dust from the Site during remediation. On-site air quality and dust levels will be monitored during any soil excavation and removal activity in accordance with a Site-specific Health and Safety Plan (HASP) that will be included as part of the Remedial Action Work Plan (RAWP). Dust suppression techniques will be employed to prevent the generation of dust. All air and dust monitoring will be performed in accordance with NYSDOH's Community Air Monitoring Program (CAMP).

A likely additional remediation/construction concern will be the potential presence of trucks traveling through the community, and parking or idling at or near the Site during UST removal and soil excavation and disposal. The RAWP will include provisions for on-Site soil handling techniques that minimize the number of trucks and duration of time within or near the Site. In addition, provisions will be included to

restrict truck traffic (to the extent possible) to designated routes along main roads while minimizing traffic within the community.

The concern over construction-related noise is a common one for communities in which redevelopment is occurring. Construction plans will minimize noise to the extent possible and the operation of heavy equipment will be restricted to normal working hours as will be set forth in the required NY City-issued permits.

4. Site Information

Appendix C contains a map identifying the location of the Site.

Site Description

Currently, the Site is a 31,045-square-foot (sf) concrete-paved vacant gasoline service station with a boarded up 1-story convenience store, a former sales kiosk, and canopy covered (disconnected) gasoline pump dispenser area. The exterior surface of the Site is asphalt and concrete paved.

The Site is bounded to the north by a three-story residential building and a five-story apartment building, followed by East 144th Street; to the east by a wooded vacant lot, followed by Metro North Railroad tracks; to the south by an under construction multi-story hotel, followed by various automotive repair shops; and to the west by Grand Concourse, followed by a U-Haul Storage and Moving facility. The surrounding area consists primarily of automotive, commercial, transit, and residential uses.

History of Site Use, Investigation, and Cleanup

Historical records indicated that as early as 1891, the Site was developed with several two- to four-story dwellings and from 1908 to 1935, the southern portion of the Site was depicted as the NYC and HR Railroad Co. with multiple two- to four-story structures. By 1935, the Site was occupied by automotive related businesses/facilities and uses that included various gasoline filling stations, auto sales, and auto body repair with associated gasoline USTs between 1944 and 2021. The Applicant has owned the Site since November 2021.

The Site is identified as BCP Site No. C203153. AKRF, Inc. (AKRF) conducted a Phase II Environmental Site Assessment (ESA) at the Site in October 2021. Findings and results of the investigation were used to support the BCP application and submitted to NYSDEC for review.

The previous investigation documented that soil beneath the Site consists of 7 to 17 feet of historic fill material, comprising silt with varying amounts of sand, brick, and gravel. Presumed weathered bedrock was encountered between approximately 7 to 20 feet below grade. Groundwater was encountered between approximately 12 and 18 feet below grade.

Based on an evaluation of the data and field evidence of contamination, contaminated soil, groundwater, and soil vapor present at the Site are likely attributable to the Site's historical gasoline station/automotive repair operations and/or historic fill material beneath the surface. Soil beneath the Site contains elevated concentrations of petroleum-related volatile organic compounds (VOCs), semi-volatile organic compound (SVOCs), metals, polychlorinated biphenyls (PCBs), pesticides, and per- and polyfluoroalkyl substances (PFAS). Groundwater beneath the Site contains elevated concentrations of petroleum-related VOCs,

SVOCs, metals, and PFAS, and soil vapor beneath the Site contains concentrations of petroleum-related and solvent-related VOCs.

Petroleum-related VOCs detected in soil are likely attributed to former petroleum storage tanks that have open spills under Case Nos. 98-14075 and 01-11974. SVOCs are released naturally from burning combustion products such as coal, oil, gasoline, and wood. These compounds, along with metals, are commonly found in historic fill material found in New York City due to the presence of coal ash and other man-made materials. Solvents are a group of compounds that have been widely used in various industries.

5. Investigation and Cleanup Process

Application

The Applicant has applied for and been accepted into New York's BCP as a Volunteer. This means that the Applicant was not responsible for the disposal or discharge of the contaminants, or whose ownership or operation of the Site took place after the discharge or disposal of contaminants. The Volunteer must fully characterize the nature and extent of contamination on-site, and must conduct a "qualitative exposure assessment," a process that characterizes the actual or potential exposures of people, fish, and wildlife to contaminants on the Site and to contamination that has migrated from the Site.

The Applicant proposes that the Site will be redeveloped into a charter school.

To achieve this goal, the Applicant will conduct an investigation and cleanup activities at the Site with oversight provided by NYSDEC. The BCA executed by NYSDEC and the Applicant sets forth the responsibilities of each party in conducting these activities at the Site.

Investigation

The Applicant has completed a partial site investigation before it entered into the BCP. The Applicant submitted a partial investigation report to support the BCP Application. To meet the investigation goals and requirements of the BCP additional work is needed before a remedy can be selected. The Applicant prepared a Remedial Investigation Work Plan (RIWP), which was submitted along with the BCP Application and is currently being reviewed by NYSDEC.

The site investigation has several goals:

1) Define the nature and extent of contamination in soil, surface water, groundwater and any otherparts of the environment that may be affected;
2) Identify the source(s) of the contamination;
3) Assess the impact of the contamination on public health and the environment; and
4) Provide information to support the development of a proposed remedy to address thecontamination or the determination that cleanup is not necessary.

NYSDEC will use the information in the investigation report to determine if the site poses a significant threat to public health or the environment. If the site is a "significant threat," it must be cleaned up using a remedy selected by NYSDEC from an analysis of alternatives prepared by the Applicant and approved by NYSDEC. If the site does not pose a significant threat, the Applicant may select the remedy from the approved analysis of alternatives.

Interim Remedial Measures

An Interim Remedial Measure (IRM) is an action that can be undertaken at a site when a source of contamination or exposure pathway can be effectively addressed before the site investigation and analysis of alternatives are completed. If an IRM is likely to represent all or a significant part of the final remedy, NYSDEC will require a 30-day public comment period.

Remedy Selection

When the investigation of the Site has been determined to be complete, the project likely would proceed in one of two directions:

1. The Applicant may recommend in its investigation report that no action is necessary at the Site. In this case, NYSDEC would make the investigation report available for public comment for 45 days. NYSDEC then would complete its review, make any necessary revisions, and, if appropriate, approve the investigation report. NYSDEC would then issue a "Certificate of Completion" (described below) to the Applicant.

or

2. The Applicant may recommend in its investigation report that action needs to be taken to address site contamination. After NYSDEC approves the investigation report, the Applicant may then develop a cleanup plan, officially called a "Remedial Work Plan". The Remedial Work Plan describes the Applicant's proposed remedy for addressing contamination related to the Site.

When the Applicant submits a draft Remedial Work Plan for approval, NYSDEC would announce the availability of the draft plan for public review during a 45-day public comment period.

Cleanup Action

NYSDEC will consider public comments, and revise the draft cleanup plan if necessary, before approving the proposed remedy. The New York State Department of Health (NYSDOH) must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy. The selected remedy is formalized in the site Decision Document.

The Applicant may then design and perform the cleanup action to address the site contamination. NYSDEC and NYSDOH oversee the activities. When the Applicant completes cleanup activities, it will prepare a final engineering report that certifies that cleanup requirements have been achieved or will be achieved within a specific time frame. NYSDEC will review the report to be certain that the cleanup is protective of public health and the environment for the intended use of the Site.

Certificate of Completion

When NYSDEC is satisfied that cleanup requirements have been achieved or will be achieved for the Site, it will approve the final engineering report. NYSDEC then will issue a Certificate of Completion (COC) to the Applicant. The COC states that cleanup goals have been achieved, and relieves the Applicant from future liability for site-related contamination, subject to certain conditions. The Applicant

would be eligible to redevelop the site after it receives a COC.

Site Management

The purpose of site management is to ensure the safe reuse of the property if contamination will remain in place. Site management is the last phase of the site cleanup program. This phase begins when the COC is issued. Site management incorporates any institutional and engineering controls required to ensure that the remedy implemented for the site remains protective of public health and the environment. All significant activities are detailed in a Site Management Plan.

An *institutional control* is a non-physical restriction on use of the site, such as a deed restriction that would prevent or restrict certain uses of the property. An institutional control may be used when the cleanup action leaves some contamination that makes the site suitable for some, but not all uses.

An *engineering control* is a physical barrier or method to manage contamination. Examples include caps, covers, barriers, fences, and treatment of water supplies.

Site management also may include the operation and maintenance of a component of the remedy, such as a system that pumps and treats groundwater. Site management continues until NYSDEC determines that it is no longer needed.

APPENDIX A

PROJECT CONTACTS AND LOCATIONS OF REPORTS AND INFORMATION

Project Contacts

For information about the site's investigation and cleanup program, the public may contact any of the following project staff:

New York State Department of Environmental Conservation (NYSDEC):

Steven Walsh
Project Manager
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7016
Phone: (518) 402-9824
Email: steven.walsh@dec.ny.gov

Thomas Panzone
Public Participation Specialist
NYSDEC
1 Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101
Phone: (718) 482-4953
Email: Thomas.Panzone@dec.ny.gov

New York State Department of Health (NYSDOH):

Scarlett McLaughlin
Project Manager
NYSDOH
Empire State Plaza
Corning Tower Room 1787
Albany, NY 12237
Phone: (518) 402-7874
Email: beei@health.ny.gov

Locations of Reports and Information

The facilities identified below are being used to provide the public with convenient access to important project documents: (Note: Repositories may be temporarily unavailable due to COVID-19 precautions. If you cannot access the online repository, please contact the NYSDEC project manager listed below for assistance):

New York Public Library – Woodstock Library Branch 761 East 160th Street, Bronx, New York 10456 **Attn:** Daisha Topping, Library Manager **Phone:** (718) 665-6255 **Email:** woodstock@nypl.org **Hours:** Monday-Friday: 9 AM-5 PM	Bronx Community Board 1 3024 3rd Avenue, Bronx, New York 10455 **Attn:** Arline Parks, Chairperson Ana Rojas, Community Coordinator Environmental Committee Chairperson **Phone:** (718) 585-7117 **Email:** brxcb1@optonline.net **Hours:** Monday-Friday: 9 AM-5 PM	NYSDEC 625 Broadway Albany, NY 12233-7016 **Attn:** Steven Walsh, Project Manager **Phone:** (518) 402-9824 **Hours:** Monday-Friday, 9 am - 5 pm (call for appointment)

APPENDIX B

SITE CONTACT LIST

1. Local, State, and Federal Officials

Hon. Eric Adams NYC Mayor New York, NY 10007	Hon. Brad Lander New York City Comptroller Office of the Comptroller, City of NY1 Centre Street, Room 517 New York, NY 10007
Hon. Jumaane Williams Office of the Public AdvocatePublic Advocate 1 Centre Street, 15th Floor NorthNew York, NY 10007	Hon. Vanessa Gibson Bronx Borough President 851 Grand Concourse, Suite 301 Bronx, NY 10451
Hon. Amanda Septimo NYS State Assembly District 84 384 East 149th Street, Suite 202 Bronx, NY 10451	Hon. Diana Ayala New York City Council District 8 214 Saint Ann's Avenue Bronx, NY 10454
Daniel Garodnick Commission Chair, NYC Department of City Planning 120 Broadway, 31st Floor New York, NY 10271	Carol Samol - Director NYC Department of City Planning Bronx Borough Office 1775 Grand Concourse, Suite 503 Bronx, NY 10453
Hon. Charles Schumer U.S. Senate 780 Third Avenue, Suite 2301New York, NY 10017	Hon. Kirsten Gillibrand U.S. Senate 780 Third Avenue, Suite 2601 New York, NY 10017
Hon. Richie Torres U.S. House of Representatives 1231 Lafayette Avenue 4th Floor Bronx, NY 10474	Hon. Jose M. Serrano New York State Senator, 29th District 335 E. 100th Street New York, NY 10029
Mark McIntyre, Acting Director/General Counsel Mayor's Office of Environmental Remediation100 Gold Street, 2nd Floor New York, NY 10038	Rohit T. Aggarwala – Public Water Supplier Commissioner, NYC Dept. of Environmental Protection 59-17 Junction Boulevard Flushing, NY 11373
Pinar Balci, Assistant Commissioner Bureau of Environmental Planning and AnalysisNYCDEP 59-17 Junction Boulevard, 11th FloorFlushing, NY 11373	Kevin Rothermel Acting Bronx County Clerk 851 Grand Concourse, Room 118 Bronx, NY 10451

2. Residents, Owners, and Occupants of the Site and Adjacent Properties

The Site, Tax Block 2341, Lot 42 is currently owned by 350 Rising LLC. A list of adjacent properties and owners is provided below:

Block/Lot	Owner	Occupant
2341/55	Grand & Rogers Housing Development Fund Co, Inc. 1325 Southern Boulevard, Suite 2, Bronx, NY 10459 Phone unavailable	Multiple Occupants (apartment building) 388-390 Grand Concourse Bronx, NY 10451 (718) 665-1023
2341/54	Peter Garcia 382 Grand Concourse Bronx, NY 10451 Phone and address unavailable	Multiple Occupants (apartment building) 382 Grand Concourse Bronx, NY 10451 (718) 665-1023
2341/60	168 E 144th St. LLC 15 Broad Street, Suite 1720 New York, NY 10005 Phone unavailable	168 East 144th Street Bronx, NY 10451
2341/1	Metropolitan Transportation Authority 2 Broadway New York, NY 10004 (877) 690-5116	Vacant wooded land
2341/40	346 Grand A LLC 99-06 Metropolitan Avenue, 2nd Floor Forest Hills, NY 11375 Phone unavailable	Hotel 365 Bronx 346 Grand Concourse Bronx, NY 10451 (718) 290-0957
2345/49	Montar Owner LLC c/o Rosenberg & Estes, P.C., 733 Third Avenue New York, NY 10017 Phone unavailable	Flight Line 349 Grand Concourse Bronx, NY 10451
2345/14	Amerco Real Estate Company 2727 North Central Avenue Phoenix, AZ 85004 Phone unavailable	U-Haul Moving & Storage at Grand Concourse 383 Grand Concourse Bronx, NY 10451 (718) 402-4100
2345/18		
2345/22		

3. Local News Media

New York Post 1211 Avenue of the Americas New York, New York 10036	New York Daily News 270C Duffy Avenue Hicksville, New York 11801
Spectrum New York 1 News 75 Ninth Avenue New York, NY 10011	Bronx Times 3602 East Tremont Avenue Bronx, NY 10465
Hoy Nueva York 15 Metrotech Center Floor 7 Brooklyn, NY 11201	El Diario La Prensa 15 Metrotech Center Floor 7 Brooklyn, NY 11201
Inner City Press P.O. Box 20047 Dag Hammarsjold Station New York, NY 10017	News 12 The Bronx 930 Soundview Avenue Bronx, NY 10473

4. Additional Contacts

None

5. Nearby Schools and Daycare Centers

Schools	
Community School for Social Justice 350 Gerard Avenue Bronx, NY 10451 (718) 402-8481 President, Executive Director Principal	Health Opportunities High School 350 Gerard Avenue Bronx, NY 10451 (718) 401-1826 President, Executive Director Principal
Public School 18 John Peter Zenger 502 Morris Avenue Bronx, NY 10451 (718) 292-2868 President, Executive Director Principal	KIPP NYC College Prep High School 201 E. 144th Street Bronx, NY 10451 (212) 991-2626 President, Executive Director Principal
KIPP Elements Primary School 501 Gerard Avenue Bronx, NY 10451 (929) 288-4740 President, Executive Director Principal	Success Academy Charter School Bronx 1 339 Morris Avenue Bronx, NY 10451 (347) 286-7950 President, Executive Director Principal
Daycare Centers	
Hostos Community College Children's Center, Inc. 475 Grand Concourse Bronx, NY 10451 (718) 518-4176 President, Executive Director Principal	Sunshine Learning Center 253 E. 142nd Street Bronx, NY 10451 (718) 679-9083 President, Executive Director Principal
Creciendo Daycare 281 E. 143rd Street, Apartment 12F Bronx, NY 10451 (347) 594-4040 President, Executive Director Principal	Cuddly Bundles Childcare 137 E. 150th Street Bronx, NY 10451 (718) 402-4801 President, Executive Director Principal
NYCHA Patterson Daycare Center 414 Morris Avenue Bronx, NY 10451 https://www1.nyc.gov/assets/nycha/downloads/pdf/Patterson.pdf	Hostos Community College Daisy de Cocco De Fillipis Ph. D. - President 500 Grand Concourse Bronx, NY 10451 https://www.hostos.cuny.edu/mp/Contact-Us
Areté Education, Inc. 557 Grand Concourse 3 #140, Bronx, NY 10451 (917) 985-8980	

6. Community, Civic, Religious, and Other Environmental Organizations

Engine 60/Ladder 17
341 E 143rd Street
Bronx, NY 10457

Consolidated Edison Corporate Affairs
Evelyn Oliver – Director
511 Theodore Fremd Avenue
Rye, NY 10580

40th NYPD Police Precinct
Gabriel De Jesus - President
57 Alexander Avenue
Bronx, NY 10454

Bronx Land Trust
972 Sherman Avenue Suite 2G
Bronx, NY 10456
https://www.bronxlandtrust.org/

NYCHA Senior Center
Patterson Houses
308 EAST 145TH STREET
Bronx, NY 10451
https://www1.nyc.gov/assets/nycha/downloads/pdf/Patterson.pdf

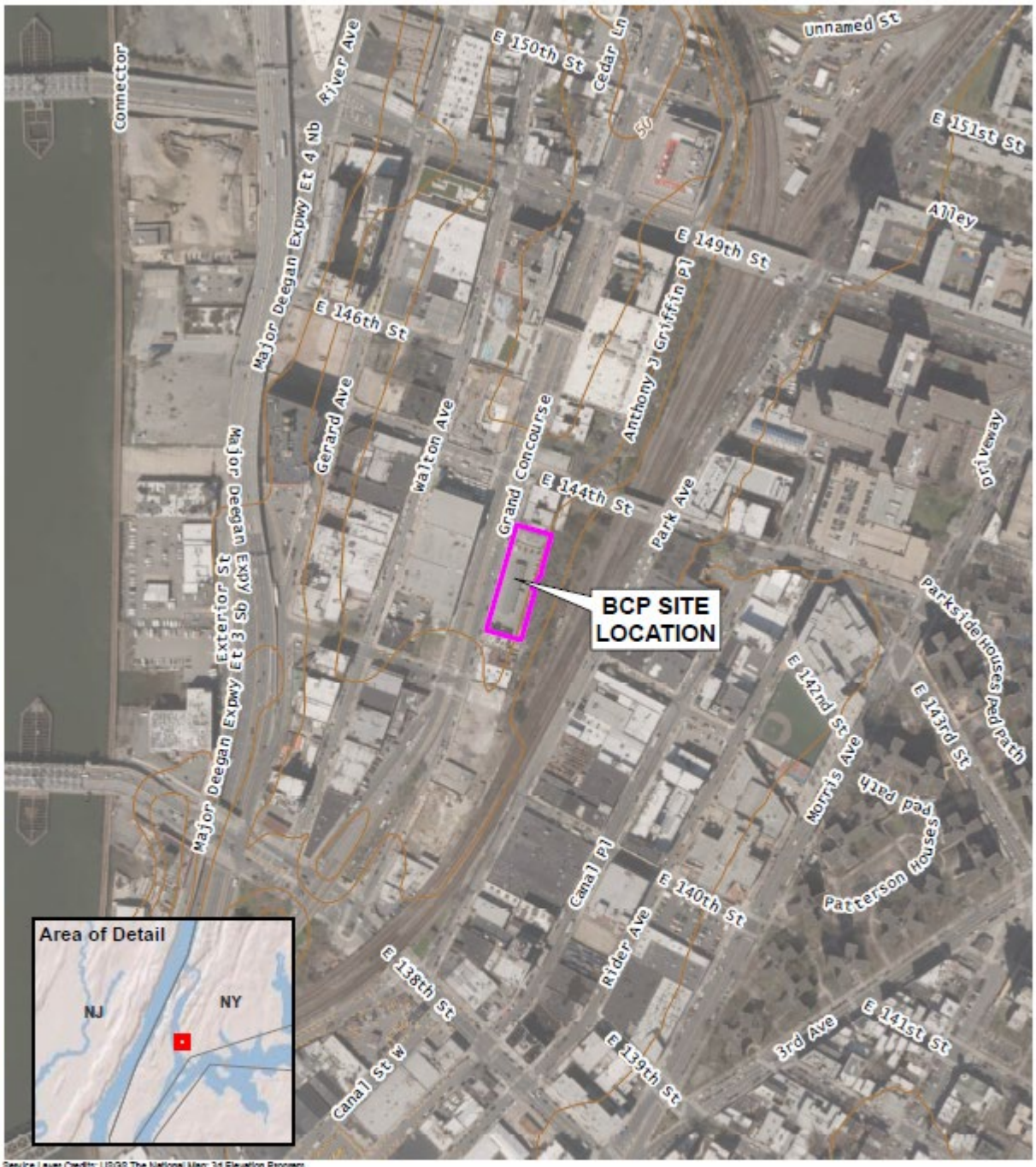
NYCHA Patterson Houses
Management Development Office
301 EAST 143RD STREET
Bronx, NY 10451
https://www1.nyc.gov/assets/nycha/downloads/pdf/Patterson.pdf

We Stay/Nos Quedamos
Jessica Clemente – Executive Director
clemente@nosquedamos.org
754 Melrose Avenue
Bronx, NY 10451
info@nosquedamos.org

South Bronx United
Andrew So – Executive Director
192 East 151st Street, 5th Floor
Bronx, NY 10451
https://southbronxunited.org/contact-us
info@southbronxunited.org

Hope Program
Jennifer Mitchell – Executive Director
1360 Garrison Avenue
Bronx, NY 10474
https://www.thehopeprogram.or

APPENDIX C
SITE LOCATION MAP



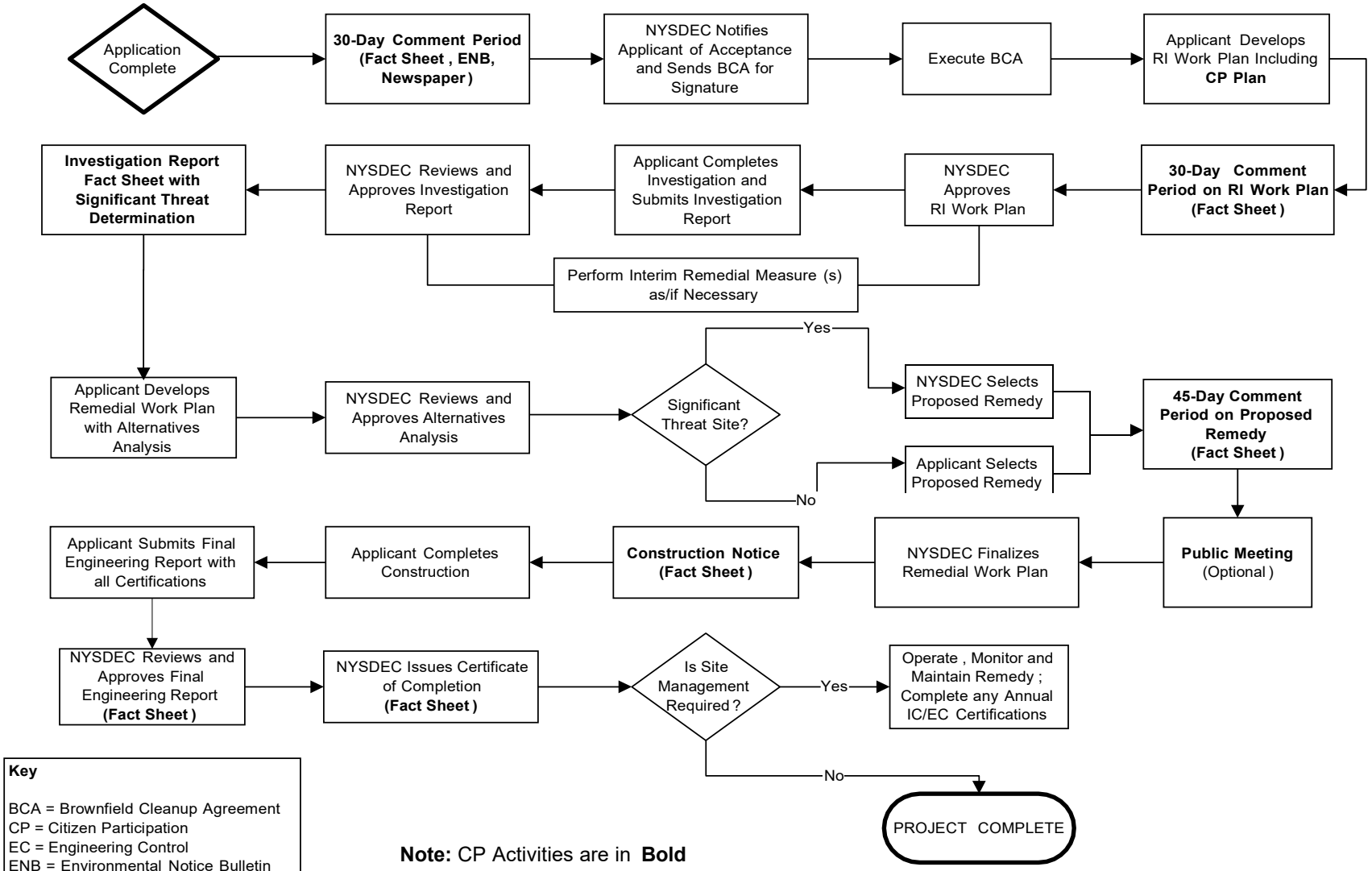
AKRF
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

BCP SITE LOCATION

DATE
6/23/2022
PROJECT NO.
210258
FIGURE
1

Appendix D– Brownfield Cleanup Program Process



Key

BCA = Brownfield Cleanup Agreement
CP = Citizen Participation
EC = Engineering Control
ENB = Environmental Notice Bulletin
IC = Institutional Control
RI = Remedial Investigation

Note: CP Activities are in **Bold**

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

Division of Environmental Remediation

Remedial Programs
Scoping Sheet for Major Issues of Public Concern

Instructions

This Scoping Sheet assesses major issues of public concern; impacts of the site and its remedial program on the community; community interest in the site; information the public needs; and information needed from the public.

The information generated helps to plan and conduct required citizen participation (CP) activities, and to choose and conduct additional CP activities, if appropriate. The scoping sheet can be revisited and updated as appropriate during the site's remedial process to more effectively implement the site's CP program.

Note: Use the information as an aid to prepare and update the Major Issues of Public Concern section of the site CP Plan.

General Instructions

- When to prepare: During preparation of the CP Plan for the site. It can be revisited and updated anytime during the site remedial process.
- Fill in site name and other information as appropriate.
- The Scoping Sheet may be prepared by DEC or a remedial party, but must be reviewed and approved by the DER site project manager or his/her designee.

Instructions for Numbered Parts

Consider the bulleted issues and questions below and any others that may be unique or appropriate to the site and the community to help complete the five Parts of this Scoping Sheet. Identify the issue stakeholders in Parts 1 through 3 and adjust the site's contact list accordingly.

Part 1. List Major Issues of Public Concern and Information the Community Wants.

- Is our health being impacted? (e.g. Are there problems with our drinking water or air? Are you going to test our water, yards, sumps, basements? Have health studies been done?)
- There are odors in the neighborhood. Do they come from the site and are they hazardous?
- Are there restrictions on what we may do (e.g. Can our children play outside? Can we garden? Must we avoid certain areas? Can we recreate (fish, hunt, hike, etc. on/around the site?)
- How and when were the site's contamination problems created?
- What contaminants are of concern and why? How will you look for contamination and find out where it is going? What is the schedule for doing that?
- The site is affecting our property values!
- How can we get more information (e.g. who are the project contacts?)
- How will we be kept informed and involved during the site remedial process?
- Who has been contacted in the community about site remedial activities?
- What has been done to this point? What happens next and when?
- The site is going to be cleaned up for restricted use. What does that mean? We don't want redevelopment on a "dirty" site.

Part 2. List Important Information Needed From the Community, if Applicable.

- Can the community supplement knowledge about past/current uses of the site?
- Does the community have knowledge that the site may be significantly impacting nearby people, properties, natural resources, etc.?
- Are activities currently taking place at the site or at nearby properties that may need to be restricted?
- Who may be interested or affected by the site that has not yet been identified?
- Are there unique community characteristics that could affect how information is exchanged?
- Does the community and/or individuals have any concerns they want monitored?
- Does the community have information about other sources in the area for the contamination?

Part 3. List Major Issues and Information That Need to be Communicated to the Community.

- Specific site investigation or remediation activities currently underway, or that will begin in the near future.
- The process and general schedule to investigate, remediate and, if applicable, redevelop the site.
- Current understanding about the site contamination and effects, if any, on public health and the environment.
- Site impacts on the community and any restrictions on the public's use of the site and/or nearby properties.
- Planned CP activities, their schedule, and how they relate to the site's remedial process.
- Ways for the community to obtain/provide information (document repositories, contacts, etc.).

Part 4. Community Characteristics

a. - e. Obtain information from local officials, property owners and residents, site reports, site visits, "windshield surveys," other staff, etc.

f. Has the affected community experienced other **significant** present or past environmental problems unrelated to this site? Such experiences could significantly affect public concerns and perspectives about the site; how the community will relate to project staff; the image and credibility of project staff within the community; and the ways in which project staff communicate with the community.

g. In its remedial programs, DER seeks to integrate, and be consistent with, environmental justice principles set forth in *DEC Commissioner Policy 29 on Environmental Justice* and *DER 23 – Citizen Participation Handbook for Remedial Programs*. Is the site and/or affected community wholly or partly in an Environmental Justice (EJ) Area? Use the Search feature on DEC's public web site for "environmental justice". DEC's EJ pages define an EJ area, and link to county maps to help determine if the site and/or community are in an EJ area.

h. Consider factors such as:

- Is English the primary language of the affected community? If not, provisions should be considered regarding public outreach activities such as fact sheets, meetings, door-to-door visits and other activities to ensure their effectiveness.
- The age demographics of the community. For example, is there a significant number of senior citizens in the community? It may be difficult for some to attend public meetings and use document repositories. This may suggest adopting more direct interaction with the community with activities such as door-to-door visits, additional fact sheets, visits to community and church centers, nursing homes, etc.
- How do people travel about the community? Would most people drive to a public meeting or document repository? Is there adequate public transportation?

Part 5. Affected/Interested Public.

Individuals and organizations who need or want information and input can change during the site's remedial process. This need is influenced by real, potential, or perceived impacts of the site or the remedial process. Some people may want information and input throughout the remedial process. Others may participate only during specific remedial stages, or may only be interested in particular issues.

It is important to revisit this question when reviewing this scoping sheet. Knowing who is interested in the site – and the issues that are important to them – will help to select and conduct appropriate outreach activities, and to identify their timing and the information to be exchanged.

Check all affected/interested parties that apply to the site. **Note: Adjust the site's contact list appropriately.** The following are some ways to identify affected/interested parties:

- Tax maps of adjacent property owners
- Attendees at public meetings
- Telephone discussions
- Letters and e-mails to DER, the remedial party, and other agencies
- Political jurisdictions and boundaries
- Media coverage
- Current/proposed uses of site and/or nearby properties (recreational, commercial, industrial)
- Discussions with community organizations: grass roots organizations, local environmental groups, environmental justice groups, churches, and neighborhood advisory groups

Division of Environmental Remediation

Remedial Programs
Scoping Sheet for Major Issues of Public Concern (see instructions)

Site Name: 350 Rising

Site Number: C203153

Site Address and County: 350 Grand Concourse, Bronx, New York

Remedial Party(ies): 350 Rising LLC

Note: For Parts 1. – 3. the individuals, groups, organizations, businesses and units of government identified should be added to the site contact list as appropriate.

Part 1. List major issues of public concern and information the community wants. Identify individuals, groups, organizations, businesses and/or units of government related to the issue(s) and information needs.
- A Phase II Environmental Site Assessment was conducted in October 2021. The findings of the investigation were utilized to support the BCP Application.
- The on-site contamination stems from the Site's historical operations as a gasoline station and automotive repair.
- The proposed Site use includes a charter school. As such, there will be restrictions on Site use, which will be determined following remediation.
- As the Site is entirely capped by an impervious surface, there is no existing potential exposure pathway for direct contact. A Community Air Monitoring Plan (CAMP) would be developed as part of the Remedial Action Work Plan (RAWP) that would be implemented during all subsurface disturbance activities to mitigate potential exposures to particulates and organic vapors.
- For more information about the Site or BCP program, contact the NYSDEC or NYSDOH Project Manager. Contact information is provided in Appendix A.
- Adjacent property occupants and owners will be kept informed about the progress of the Site cleanup activities. Periodic fact sheets will be sent by mail.
- Local, state, and federal officials will be contacted about the Site remediation activities.
- Up to now, a limited soil, groundwater, and soil vapor investigation was conducted at the Site. A Remedial Investigation Work Plan (RIWP) was prepared to further investigate the extent of on-site contamination. The RIWP included provisions for analysis of soil, groundwater, and soil vapor beneath the entire Site. Findings from the Remedial Investigation will be used to prepare a RAWP, which includes the proposed remedy to address Site contamination and protect the health and safety of the public in the surrounding community.

How were these issues and/or information needs identified?
-These issues were identified based on a review of historic records of the Site and the findings of a Phase I/II Environmental Site Assessment (subsurface investigation).
-A description of the proposed project was also presented in the BCP Application.

Part 2. List important information needed **from** the community, if applicable. Identify individuals, groups, organizations, businesses and/or units of government related to the information needed.
- Adjacent property owners and occupants will be informed of the Site remediation activities and can reach out to the Site's NYSDEC or NYSDOH project manager if they are concerned about the impact to the surrounding area.

How were these information needs identified?
- Research was completed to identify the names and contact information of adjacent property owners and

local government officials. These individuals are included in the Site Contact List under Appendix B.

Part 3. List major issues and information that need to be communicated **to** the community. Identify individuals, groups, organizations, businesses and/or units of government related to the issue(s) and/or information.
- A Phase II Environmental Site Assessment was conducted in October 2021. The findings of the investigation were utilized to support the BCP Application. Based on the findings of the investigation, a RIWP was submitted to NYSDEC and NYSDOH for review. The RIWP included provisions for further analysis of on-site soil, groundwater, and soil vapor. The findings will be used to develop a RAWP and selected a cleanup remedy.
- Document repositories, where copies of all documents regarding the investigation and remediation of the Site are available to the public, have been established at: Bronx Community Board District 1, 3030 3rd Avenue, Bronx, NY 10455; the New York Public Library, Woodstock Library Branch, 761 East 160th Street, Bronx, NY 10455; and NYSDEC, 625 Broadway, Albany, NY 12233.

How were these issues and/or information needs identified?
-These needs were identified by summarizing the project timeline and a review of the information included in the BCP Application.
-Any contact information or details pertaining to the Site that have changed since issuance of the BCP Application, have been updated in this CP Plan.

Part 4. Identify the following characteristics of the affected/interested community. This knowledge will help to identify and understand issues and information important to the community, and ways to effectively develop and implement the site citizen participation plan (mark all that apply):

a. Land use/zoning at and around site:
☒ **Residential** ☐ **Agricultural** ☐ **Recreational** ☒ **Commercial** ☐ **Industrial**

b. Residential type around site:
☒ **Urban** ☐ **Suburban** ☐ **Rural**

c. Population density around site:
☒ **High** ☐ **Medium** ☐ **Low**

d. Water supply of nearby residences:
☒ **Public** ☐ **Private Wells** ☐ **Mixed**

e. Is part or all of the water supply of the affected/interested community currently impacted by the site?
☐ **Yes** ☒ **No**

Provide details if appropriate:
Click here to enter text.

f. Other environmental issues significantly impacted/impacting the affected community?
☐ **Yes** ☒ **No**

Provide details if appropriate:
Click here to enter text.

g. Is the site and/or the affected/interested community wholly or partly in an Environmental Justice Area?
☒ **Yes** ☐ **No**

h. Special considerations:
☒ **Language** ☐ **Age** ☐ **Transportation** ☐ **Other**

Explain any marked categories in **h:**
Future Fact Sheets will be translated into Spanish.

Part 5. The site contact list must include, at a minimum, the individuals, groups, and organizations identified in Part 2. of the Citizen Participation Plan under 'Site Contact List'. Are *other* individuals, groups, organizations, and units of government affected by, or interested in, the site, or its remedial program? (Mark and identify all that apply, then adjust the site contact list as appropriate.)

☒ **Non-Adjacent Residents/Property Owners:** Click here to enter text.

☒ **Local Officials:** See list in Appendix B of the Citizen Participation Plan

☒ **Media:** See list in Appendix B of the Citizen Participation Plan

☐ **Business/Commercial Interests:** Click here to enter text.

☐ **Labor Group(s)/Employees:** Click here to enter text.

☐ **Indian Nation:** Click here to enter text.

☒ **Citizens/Community Group(s):** See list in Appendix B of the Citizen Participation Plan

☒ **Environmental Justice Group(s):** See list in Appendix B of the Citizen Participation Plan

☒ **Environmental Group(s):** See list in Appendix B of the Citizen Participation Plan

☒ **Civic Group(s):** See list in Appendix B of the Citizen Participation Plan

☐ **Recreational Group(s):** Click here to enter text.

☐ **Other(s):** Click here to enter text.

Prepared/Updated By: Gregory Baird, AKRF, Inc. **Date:** 5/27/2022

Reviewed/Approved By: Thomas V. Panzone **Date: 6-17-22**

APPENDIX K
HEALTH AND SAFETY PLAN

350 RISING

350 GRAND CONCOURSE
BRONX, NEW YORK

Health and Safety Plan

for Remedial Action Work Plan

BCP Site Number: C203153

Prepared for:

350 GC Property Owner LLC
292 Madison Ave, 24th Floor
New York, New York 10017

For Submission to:

New York State Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor
Albany, New York 12233

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, New York 10016
(212) 696-0670

FEBRUARY 2026

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 HEALTH AND SAFETY GUIDELINES AND PROCEDURES 2
2.1 Hazard Evaluation 2
2.1.1 Hazards of Concern 2
2.1.2 Physical Characteristics 2
2.1.3 Hazardous Materials 2
2.1.4 Chemicals of Concern 2
2.2 Designated Personnel 5
2.3 Training 5
2.4 Medical Surveillance Program 5
2.5 Site Work Zones 5
2.6 Personal Protection Equipment 6
2.7 General Work Practices 6
3.0 EMERGENCY PROCEDURES AND EMERGENCY RESPONSE PLAN 7
3.1 Emergency Contacts 7
4.0 APPROVAL & ACKNOWLEDGMENTS OF HASP 8

IN-TEXT TABLES

Table 1 – Chemicals Of Concern
Table 2 – Site Work Zones
Table 3 – Personal Protection Equipment Requirements
Table 4 – Hospital Directions
Table 5 – Emergency Contacts

FIGURES

Figure 1 – BCP Site Location
Figure 2 – Hospital Location Map

ATTACHMENTS

Attachment A – Potential Health Effects from On-Site Contaminants
Attachment B – Report Forms
Attachment C – Emergency Hand Signals

1.0 INTRODUCTION

This environmental Health and Safety Plan (HASP) was prepared by AKRF, Inc. (AKRF) on behalf of 350 GC Property Owner LLC (the "Volunteer") for the 350 Rising site, located at 350 Grand Concourse in the Bronx, New York, hereafter referred to as the "Site". This HASP was developed to be used for implementation of the Remedial Action Work Plan (RAWP) under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) by AKRF personnel and other personnel working under the RAWP. The Site is identified on the New York City (NYC) Tax Map as Bronx Borough Tax Block 2341, Lot 42. A map showing the Site location is provided as Figure 1. The surrounding area is developed with residential, commercial, manufacturing, transportation, and industrial uses.

Historic records indicated that as early as 1891, the Site was developed with several two- to four-story dwellings and from 1908-1935, the southern portion of the Site was depicted as the NYC and HR Railroad Co. with multiple two- to four-story structures. By 1935, the Site was occupied by automotive related businesses/facilities and uses that included various gasoline filling stations, auto sales, and auto body repair with associated gasoline USTs between 1944 and 2021. The Site was also listed on the NYSDEC Petroleum Bulk Storage database with three out-of-service 12,000-gallon gasoline USTs. Site operations ceased in November 2021; all on-site buildings were demolished in July through August 2022. Site contamination, present in soil, groundwater, and soil vapor across the Site, appears to be related to the Site's historic automotive uses.

This HASP does not discuss routine health and safety issues common to general construction and excavation, including, but not, limited to slips, trips, falls, shoring, and other physical hazards. All AKRF employees are additionally directed that all work must be performed in accordance with the AKRF's Generic HASP and all Occupation Safety and Health Administration (OSHA)-applicable regulations for the work activities required for the project. All project personnel are furthermore directed that they are not permitted to enter Permit Required Confined Spaces (as defined by OSHA). For issues unrelated to contaminated materials, all non-AKRF employees are to be bound by all applicable OSHA regulations as well as any more stringent requirements specified by their employer in their corporate HASP or otherwise. AKRF is not responsible for providing oversight for issues unrelated to contaminated materials for non-employees. This oversight shall be the responsibility of the employer of that worker or other official designated by that employer.

2.0 HEALTH AND SAFETY GUIDELINES AND PROCEDURES

2.1 Hazard Evaluation

2.1.1 Hazards of Concern

The hazards of concern include organic and inorganic chemicals, heat and cold stress, and explosive/flammable materials.

2.1.2 Physical Characteristics

The physical characteristics of the hazards of concern include liquid, solid, sludge, vapor, and free-phase petroleum.

2.1.3 Hazardous Materials

The chemicals known and/or expected to be encountered at the Site include: VOCs, SVOCs, pesticides, and metals; the solids include historic fill; the solvents include chlorinated solvents; and the oils include motor, gasoline, and fuel oil.

2.1.4 Chemicals of Concern

Table 1
Chemicals Of Concern

Chemical	REL/PEL/STEL	Health Hazards
1,2-Dichloroethene	REL: 200 ppm PEL: 200 ppm	Irritation eyes, respiratory system; central nervous system depression.
Aldrin & Dieldrin	REL: 0.25 mg/m^3 PEL: 0.25 mg/m^3	Headache, dizziness; nausea, vomiting, malaise (vague feeling of discomfort); myoclonic jerks of limbs; clonic, tonic convulsions; coma; hematuria (blood in the urine), azotemia; [potential occupational carcinogen].
Arsenic	REL C: 0.002 mg/m^3 PEL: 0.010 mg/m^3	Ulceration of nasal septum, dermatitis, gastrointestinal disturbances, peripheral neuropathy, resp irritation, hyperpigmentation of skin, [potential occupational carcinogen].
Benzene	REL: 0.1 ppm N STEL: 1 ppm PEL: 1 ppm O STEL: 5 ppm	Irritation eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; anorexia, lassitude (weakness, exhaustion); dermatitis; bone marrow depression; [potential occupational carcinogen].
Cadmium	PEL: 0.005 mg/m^3	Pulmonary edema, dyspnea (breathing difficulty), cough, chest tightness, substernal (occurring beneath the sternum) pain; headache; chills, muscle aches; nausea, vomiting, diarrhea; anosmia (loss of the sense of smell), emphysema, proteinuria, mild anemia; [potential occupational carcinogen].
Carbon Tetrachloride	N STEL: 2 ppm PEL: 10 ppm PEL C: 25 ppm; 5-min max peak 200 ppm	Irritation eyes, skin; central nervous system depression; nausea, vomiting; liver, kidney injury; drowsiness, dizziness, incoordination; [potential occupational carcinogen].
Chromium	REL: 0.5 mg/m^3 PEL: 1 mg/m^3	Irritation eyes, skin; lung fibrosis (histologic).

Chemical	REL/PEL/STEL	Health Hazards
DDD, DDE, & DDT	REL: 0.5 mg/m^3 PEL: 1 mg/m^3	Irritation eyes, skin; paresthesia tongue, lips, face; tremor; anxiety, dizziness, confusion, malaise (vague feeling of discomfort), headache, lassitude (weakness, exhaustion); convulsions; paresis hands; vomiting; [potential occupational carcinogen].
Ethylbenzene	REL: 100 ppm N STEL: 125 ppm PEL: 100 ppm	Irritation eyes, nose, respiratory system; headache, lassitude (weakness, exhaustion), dizziness, confusion, malaise (vague feeling of discomfort), drowsiness, unsteady gait; narcosis; defatting dermatitis; possible liver injury; reproductive effects.
Fuel Oils	REL: 100 mg/m^3	Irritation eyes, skin, nose, throat; burning sensation in chest; headache, nausea, lassitude (weakness, exhaustion), restlessness, incoordination, confusion, drowsiness; vomiting, diarrhea; dermatitis; chemical pneumonitis (aspiration liquid).
Lead	REL: 0.050 mg/m^3 PEL:0.050 mg/m^3	Lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation eyes; hypertension.
Manganese	REL: 1 mg/m^3 N STEL: 3 mg/m^3 PEL C: 5 mg/m^3	Manganism; asthenia, insomnia, mental confusion; metal fume fever: dry throat, cough, chest tightness, dyspnea (breathing difficulty), rales, flu-like fever; low-back pain; vomiting; malaise (vague feeling of discomfort); lassitude (weakness, exhaustion); kidney damage.
Mercury	REL: 0.05 mg/m^3 REL C: 0.1 mg/m^3 PEL: 0.1 mg/m^3	Irritation eyes, skin; cough, chest pain, dyspnea (breathing difficulty), bronchitis, pneumonitis; tremor, insomnia, irritability, indecision, headache, lassitude (weakness, exhaustion); stomatitis, salivation; gastrointestinal disturbance, anorexia, weight loss; proteinuria.
Methyl Tert-Butyl Ether	PEL: 50 ppm	Drowsiness, dizziness, headache, weakness, unconsciousness; redness of skin and eyes; Acute ingestion: Nausea, vomiting, abdominal pain; chemical pneumonitis (by aspiration).
Nickel	REL: 0.015 mg/m^3 PEL: 1 mg/m^3	Sensitization dermatitis, allergic asthma, pneumonitis; [potential occupational carcinogen].

Chemical	REL/PEL/STEL	Health Hazards
PAHs	REL: 0.1 mg/m^3 PEL: 0.2 mg/m^3	Effects reported from occupational exposure to PAHs include chronic bronchitis, chronic cough irritation, bronchogenic cancer, dermatitis, cutaneous photosensitization, and pilosebaceous reactions. Reported health effects associated with chronic exposure to coal tar and its by-products (e.g., PAHs): Skin: erythema, burns, and warts on sun-exposed areas with progression to cancer. The toxic effects of coal tar are enhanced by exposure to ultraviolet light. Eyes: irritation and photosensitivity. Respiratory system: cough, bronchitis, and bronchogenic cancer. Gastrointestinal system: leukoplakia, buccal-pharyngeal cancer, and cancer of the lip. Hematopoietic system: leukemia (inconclusive) and lymphoma. Genitourinary system: hematuria and kidney and bladder cancers.
Tetrachloroethylene	PEL: 100 ppm PEL C: 200 ppm; max peak: 300 ppm	Irritation eyes, skin, nose, throat, respiratory system; nausea; flush face, neck; dizziness, incoordination; headache, drowsiness; skin erythema (skin redness); liver damage; [potential occupational carcinogen].
Toluene	REL: 100 ppm N STEL: 150 ppm PEL: 200 ppm PEL C: 300 ppm; 10-min max peak: 500 ppm	Irritation eyes, nose; lassitude (weakness, exhaustion), confusion, euphoria, dizziness, headache; dilated pupils, lacrimation (discharge of tears); anxiety, muscle fatigue, insomnia; paresthesia; dermatitis; liver, kidney damage.
Trichloroethylene	PEL: 100 ppm PEL C: 200 ppm; 5-min max peak: 300 ppm	Irritation eyes, skin; headache, visual disturbance, lassitude (weakness, exhaustion), dizziness, tremor, drowsiness, nausea, vomiting; dermatitis; cardiac arrhythmias, paresthesia; liver injury; [potential occupational carcinogen].
Xylene	REL: 100 ppm N STEL: 150 ppm PEL: 100 ppm	Irritation eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; anorexia, nausea, vomiting, abdominal pain; dermatitis.
Zinc	REL: 5 mg/m^3 REL C: 15 mg/m^3 N STEL: 10 mg/m^3 PEL: 5 mg/m^3 (ZnO fume); 15 mg/m^3 (ZnO dust)	Chills, elevated body temperature, myalgia, cough, fatigue, chest pain, stomach cramps, nausea, anemia, changes in cholesterol levels, and vomiting.
Notes: REL: Recommended exposure limit (NIOSH) PEL: Permissable exposure limits (OSHA) STEL: Short-term exposure limit N: NIOSH O: OSHA C: Ceiling		

The potential health effects from the on-site contaminants listed above are further described in Attachment A.

2.2 Designated Personnel

AKRF will appoint one of its on-site personnel as the Site Safety Officer (SSO). This individual will be responsible for the implementation of this HASP. The SSO will have experience in implementation of air monitoring and hazardous materials sampling programs. Health and safety training required for the SSO and all field personnel is outlined in Section 2.3 of this HASP.

2.3 Training

All personnel who enter the work area while intrusive activities are being performed will have completed a 40-hour training course that meets OSHA requirements of 29 CFR Part 1910, Occupational Safety and Health Standards. In addition, all personnel will have up-to-date 8-hour refresher training. The training will allow personnel to recognize and understand potential hazards to health and safety. All field personnel must attend a training program, whose purpose is to:

- Make them aware of the potential hazards they may encounter;
- Provide the knowledge and skills necessary for them to perform the work with minimal risk to health and safety;
- Make them aware of the purpose and limitations of safety equipment; and
- Ensure that they can safely avoid or escape from emergencies.

Each member of the field crew will be instructed in these objectives before he/she goes onto the Site. A Site safety meeting will be conducted at the start of the project. Additional meetings shall be conducted, as necessary, for new personnel working at the Site.

2.4 Medical Surveillance Program

All AKRF and subcontractor personnel performing field work involving subsurface disturbance at the Site are required to have passed a complete medical surveillance examination in accordance with 29 CFR 1910.120(f). A physician's medical release for work will be confirmed by the SSO before an employee can begin Site activities. The medical release shall consider the type of work to be performed and the required personal protective equipment (PPE). The medical examination will, at a minimum, be provided annually and upon termination of hazardous waste Site work.

2.5 Site Work Zones

During any activities involving subsurface disturbance, the work area must be divided into various zones to prevent the spread of contamination, ensure that proper protective equipment is donned, and provide an area for decontamination.

The Exclusion Zone is defined as the area where exposure to contaminated media could be encountered. The Contamination Reduction Zone (CRZ) is the area where decontamination procedures take place and is located next to the Exclusion Zone. The Support Zone is the area where support facilities such as vehicles, fire extinguisher, and first aid supplies are located. The emergency staging area (part of the Support Zone) is the area where all workers on-site would assemble in the event of an emergency. A summary of these areas is provided below. These zones may be changed by the SSO, depending on that day's activities. All field personnel will be informed of the location of these zones before work begins.

Table 2
Site Work Zones

Task	Exclusion Zone	CRZ	Support Zone
Excavation	15 feet from Excavation Area	15 feet from Excavation Area	As Needed

2.6 Personal Protection Equipment

The PPE required for various kinds of Site investigation tasks are based on 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response, Appendix B, "General Description and Discussion of the Levels of Protection and Protective Gear."

AKRF field personnel and other Site personnel shall wear, at a minimum, Level D PPE. The protection will be based on the air monitoring described in this section.

Table 3
Personal Protection Equipment Requirements

LEVEL OF PROTECTION & PPE		All Tasks
Level D (**X**) Steel Toe Shoes (**X**) Hard Hat (within 25 ft. of excavator) (**X**) Work Gloves	(**X**) Safety Glasses ( ) Face Shield (**X**) Ear Plugs (within 25 ft. of excavator) (**X**) Nitrile Gloves (**X**) Tyvek for tank contractor if NAPL present	Yes
Level C *(in addition to Level D)* (**X**) Half-Face Respirator (**X**) Full Face Respirator ( ) Full-Face PAPR	( ) Particulate Cartridge ( ) Organic Cartridge (**X**) Dual Organic/Particulate Cartridge	If photoionization detector (PID) > 5 ppm or particulates > 0.125 mg/m^3 in breathing zone
Comments: Cartridges to be changed out at least once per shift unless warranted beforehand (e.g., more difficult to breath or any odors detected). PAPR = powered air purifying respirator		

2.7 General Work Practices

To protect health and safety, all field personnel will adhere to the guidelines listed below during activities involving subsurface disturbance:

- Eating, drinking, chewing gum or tobacco, and smoking are prohibited except in designated areas on the Site. These areas will be designated by the SSO.
- Workers must wash their hands thoroughly on leaving the work area and before eating, drinking, or any other such activity.
- The workers should shower as soon as possible after leaving the Site. Contact with contaminated or suspected surfaces should be avoided.
- The buddy system should always be used; each buddy should watch for signs of fatigue, exposure, and heat/cold stress.

3.0 EMERGENCY PROCEDURES AND EMERGENCY RESPONSE PLAN

The field crew will be equipped with emergency equipment, such as a first aid kit and disposable eyewashes. In the case of a medical emergency, the SSO will determine the nature of the emergency and he/she will have someone call for an ambulance, if needed. If the nature of the injury is not serious, i.e., the person can be moved without expert emergency medical personnel, he/she should be driven to the Brookdale University Hospital by on-site personnel. Directions to the hospital are provided below, and a hospital route map is provided as Figure 2. Report forms are provided in Attachment B. Emergency hand signals are provided in Attachment C.

Table 4
Hospital Directions

Hospital Name	Lincoln Medical Center – Emergency Room
Phone Number	(718) 579-5000
Address/Location	2776-2824 Park Ave, Bronx, NY 10451
Directions	1. Turn right out of the Site, heading north on Grand Concourse. 2. Turn right onto East 144th Street. 3. Turn left onto Park Avenue. 4. The emergency room entrance will be on the right.

3.1 Emergency Contacts

Table 5
Emergency Contacts

Company	Individual Name	Title	Contact Number
AKRF	Rebecca Kinal, P.E.	Remedial Engineer	914-922-2362 (office)
	Marc Godick, QEP	Quality Assurance Officer	914-922-2356 (office)
	Kenneth Wiles	Project Manager	646-388-9528 (office)
	Mackenzie Miller	SSO	631-357-9404 (cell)
350 GC Property Owner LLC	Patrick Taylor	Volunteer Representative	212-335-2317
Ambulance, Fire Department, & Police Department	-	-	911
NYSDEC Spill Hotline		-	800-457-7362

4.0 APPROVAL & ACKNOWLEDGMENTS OF HASP

Signed: _____ Date: _____

AKRF Project Manager

Signed: _____ Date: _____

AKRF Health and Safety Officer

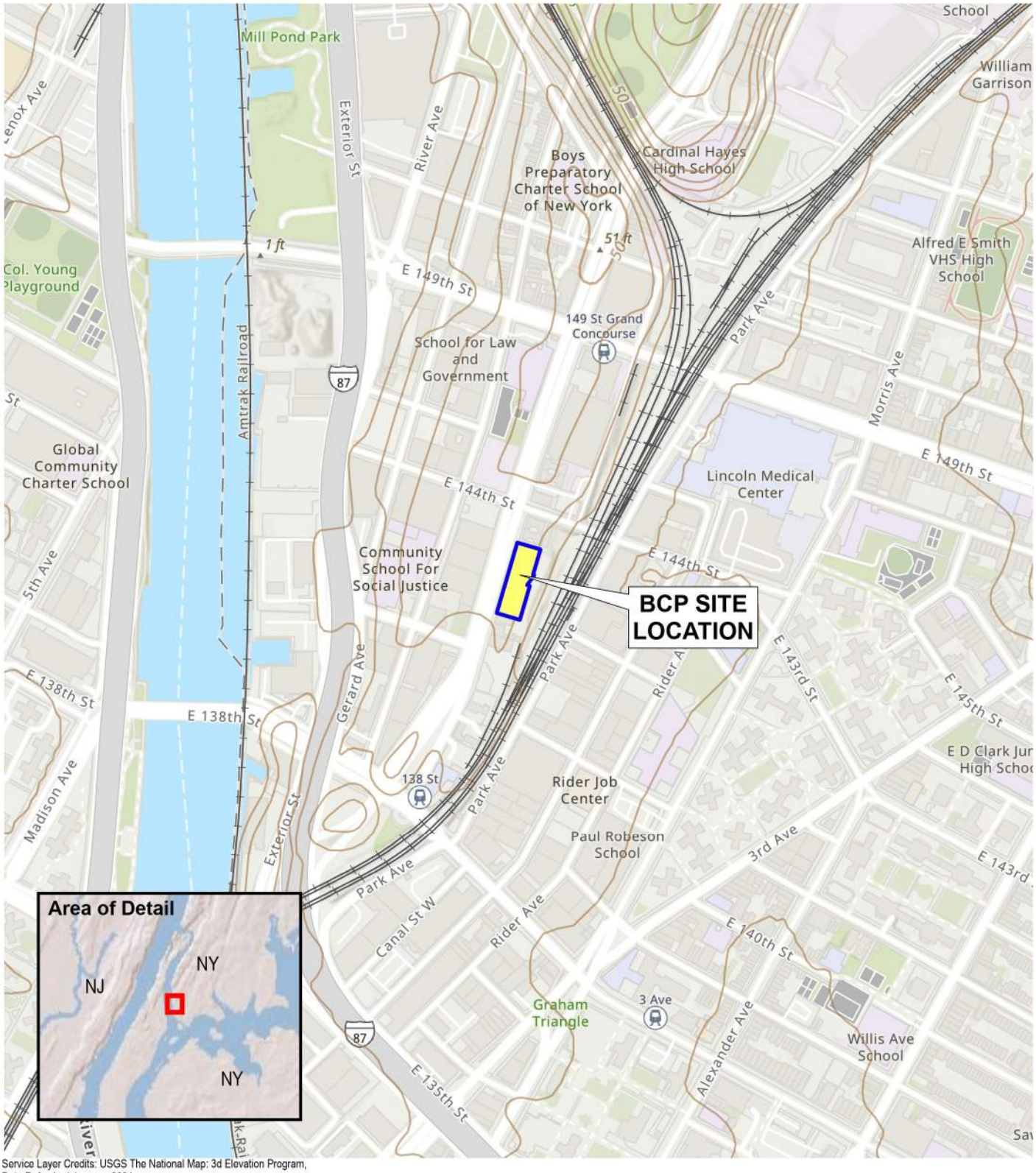
Below is an affidavit that must be signed by all workers who enter the site. A copy of the HASP must be on-site at all times and will be kept by the SSO.

AFFIDAVIT

I,_____(name), of_____(company name), have read the HASP for the site located at 350 Grand Concourse in the Bronx, New York. I agree to conduct all on-site work in accordance with the requirements set forth in this HASP and understand that failure to comply with this HASP could lead to my removal from the Site.

Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____

FIGURES



akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

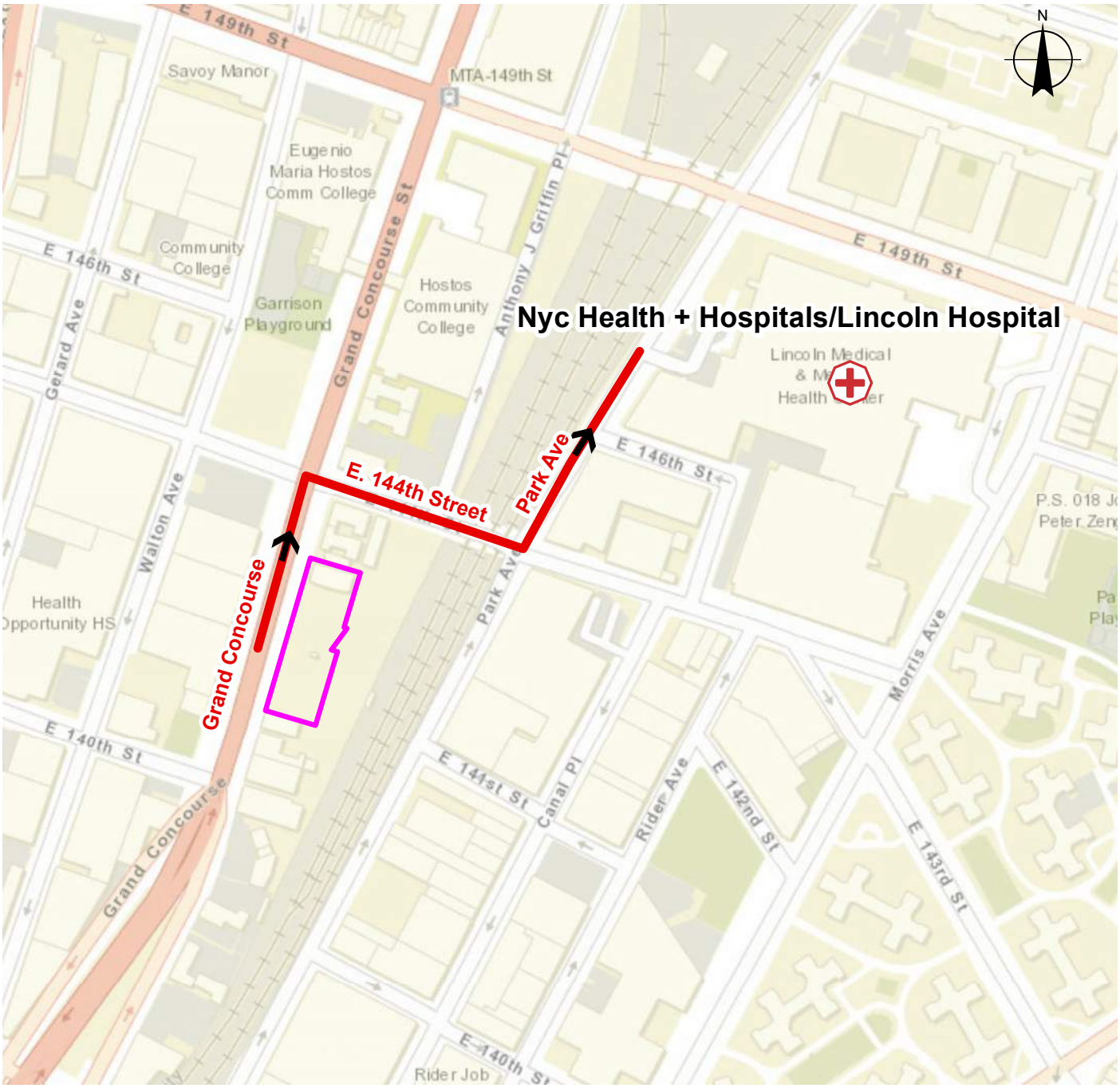
BCP SITE LOCATION

DATE
2/9/2026

PROJECT NO.
240979

FIGURE
1

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx2/9/2026 5:56 PM240979 Fig 1 Site Locationmveilleux



Service Layer Credits: ESRI World Street Map 2021

Nyc Health + Hospitals/Lincoln Hospital
2776-2824 Park Ave
Bronx, NY 10451
(718) 579-5000

LEGEND

- BCP SITE BOUNDARY
- HOSPITAL LOCATION
- ROUTE TO HOSPITAL

0 300 600
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

HOSPITAL ROUTE MAP

DATE **2/10/2026**
PROJECT NO. **240979**
FIGURE **2**

©2026 AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 Fig 2 Hospital Route Map.mxd 2/10/2026 2:23:16 PM mveilleux

ATTACHMENT A

POTENTIAL HEALTH EFFECTS FROM ON-SITE CONTAMINANTS

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

1,2-DICHLOROETHENE
CAS # 540-59-0, 156-59-2, and 156-60-5

This fact sheet answers the most frequently asked health questions (FAQs) about 1,2-dichloroethene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to 1,2-dichloroethene occurs mainly in workplaces where it is made or used. Breathing high levels of 1,2-dichloroethene can make you feel nauseous, drowsy, and tired. *cis*-1,2-Dichloroethene has been found in at least 146 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA). *trans*-1,2-Dichloroethene was found in at least 563 NPL sites. 1,2-Dichloroethene was found at 336 sites, but the isomer (*cis*- or *trans*-) was not specified.

What is 1,2-dichloroethene?

(Pronounced 1,2-dī-klôr′ ō-ĕth′ēn)

1,2-Dichloroethene, also called 1,2-dichloroethylene, is a highly flammable, colorless liquid with a sharp, harsh odor. It is used to produce solvents and in chemical mixtures. You can smell very small amounts of 1,2-dichloroethene in air (about 17 parts of 1,2-dichloroethene per million parts of air [17 ppm]).

There are two forms of 1,2-dichloroethene; one is called *cis*-1,2-dichloroethene and the other is called *trans*-1,2-dichloroethene. Sometimes both forms are present as a mixture.

What happens to 1,2-dichloroethene when it enters the environment?

- 1,2-Dichloroethene evaporates rapidly into air.
- In the air, it takes about 5-12 days for half of it to break down.
- Most 1,2-dichloroethene in the soil surface or bodies of water will evaporate into air.
- 1,2-Dichloroethene can travel through soil or dissolve in water in the soil. It is possible that it can contaminate groundwater.
- In groundwater, it takes about 13-48 weeks to break down.
- There is a slight chance that 1,2-dichloroethene will break down into vinyl chloride, a different chemical which is believed to be more toxic than 1,2-dichloroethene.

How might I be exposed to 1,2-dichloroethene?

- Breathing 1,2-dichloroethene that has leaked from hazardous waste sites and landfills.
- Drinking contaminated tap water or breathing vapors from contaminated water while cooking, bathing, or washing dishes.
- Breathing 1,2-dichloroethene, touching it, or touching contaminated materials in the workplace.

How can 1,2-dichloroethene affect my health?

Breathing high levels of 1,2-dichloroethene can make you feel nauseous, drowsy, and tired; breathing very high levels can kill you.

When animals breathed high levels of *trans*-1,2-dichloroethene for short or longer periods of time, their livers and lungs were damaged and the effects were more severe with longer exposure times. Animals that breathed very high

levels of *trans*-1,2-dichloroethene had damaged hearts.

Animals that ingested extremely high doses of *cis*- or *trans*-1,2-dichloroethene died.

Lower doses of *cis*-1,2-dichloroethene caused effects on the blood, such as decreased numbers of red blood cells, and also effects on the liver.

The long-term (365 days or longer) human health effects after exposure to low concentrations of 1,2-dichloroethene aren't known. One animal study suggested that an exposed fetus may not grow as quickly as one that hasn't been exposed.

Exposure to 1,2-dichloroethene hasn't been shown to affect fertility in people or animals.

How likely is 1,2-dichloroethene to cause cancer?

The EPA has determined that *cis*-1,2-dichloroethene is not classifiable as to its human carcinogenicity.

No EPA cancer classification is available for *trans*-1,2-dichloroethene.

Is there a medical test to show whether I've been exposed to 1,2-dichloroethene?

Tests are available to measure concentrations of the breakdown products of 1,2-dichloroethene in blood, urine, and tissues. However, these tests aren't used routinely to determine whether a person has been exposed to this compound. This is because after you are exposed to 1,2-dichloroethene, the breakdown products in your body that are detected with these tests may be the same as those that come from exposure to other chemicals. These tests aren't available in most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA has set the maximum allowable level of *cis*-1,2-dichloroethene in drinking water at 0.07 milligrams per liter of water (0.07 mg/L) and *trans*-1,2-dichloroethene at 0.1 mg/L.

The EPA requires that any spills or accidental release of 1,000 pounds or more of 1,2-dichloroethene must be reported to the EPA.

The Occupational Health Safety and Health Administration (OSHA) has set the maximum allowable amount of 1,2-dichloroethene in workroom air during an 8-hour workday in a 40-hour workweek at 200 parts of 1,2-dichloroethene per million parts of air (200 ppm).

Glossary

Carcinogenicity: Ability of a substance to cause cancer.

CAS: Chemical Abstracts Service.

Fertility: Ability to reproduce.

Ingest: To eat or drink something.

Milligram (mg): One thousandth of a gram.

ppm: Parts per million.

Solvent: A chemical that can dissolve other substances.

References

This ToxFAQs information is taken from the 1996 Toxicological Profile for 1,2-Dichloroethene produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ALDRIN and DIELDRIN

CAS # 309-00-2 and 60-57-1

Division of Toxicology ToxFAQs™ **September 2002**

This fact sheet answers the most frequently asked health questions (FAQs) about aldrin and dieldrin. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to aldrin and dieldrin happens mostly from eating contaminated foods, such as root crops, fish, or seafood. Aldrin and dieldrin build up in the body after years of exposure and can affect the nervous system. Aldrin has been found in at least 207 of the 1,613 National Priorities List sites identified by the Environmental Protection Agency (EPA). Dieldrin has been found in at least 287 of the 1,613 sites.

What are aldrin and dieldrin?

Aldrin and dieldrin are insecticides with similar chemical structures. They are discussed together in this fact sheet because aldrin quickly breaks down to dieldrin in the body and in the environment. Pure aldrin and dieldrin are white powders with a mild chemical odor. The less pure commercial powders have a tan color. Neither substance occurs naturally in the environment.

From the 1950s until 1970, aldrin and dieldrin were widely used pesticides for crops like corn and cotton. Because of concerns about damage to the environment and potentially to human health, EPA banned all uses of aldrin and dieldrin in 1974, except to control termites. In 1987, EPA banned all uses.

What happens to aldrin and dieldrin when they enter the environment?

❑ Sunlight and bacteria change aldrin to dieldrin so that we mostly find dieldrin in the environment.
❑ They bind tightly to soil and slowly evaporate to the air.
❑ Dieldrin in soil and water breaks down very slowly.
❑ Plants take in and store aldrin and dieldrin from the soil.
❑ Aldrin rapidly changes to dieldrin in plants and animals.
❑ Dieldrin is stored in the fat and leaves the body very slowly.

How might I be exposed to aldrin or dieldrin?

❑ Dieldrin is everywhere in the environment, but at very low levels.
❑ Eating food like fish or shellfish from lakes or streams contaminated with either chemical, or contaminated root crops, dairy products, or meats.
❑ Air, surface water, or soil near waste sites may contain higher levels.
❑ Living in homes that were once treated with aldrin or dieldrin to control termites.

How can aldrin and dieldrin affect my health?

People who have intentionally or accidentally ingested large amounts of aldrin or dieldrin have suffered convulsions and some died. Health effects may also occur after a longer period of exposure to smaller amounts because these chemicals build up in the body.

Some workers exposed to moderate levels in the air for a long time had headaches, dizziness, irritability, vomiting, and uncontrolled muscle movements. Workers removed from the source of exposure rapidly recovered from most of these effects.

Animals exposed to high amounts of aldrin or dieldrin also had nervous system effects. In animals, oral exposure to lower levels for a long period also affected the liver and decreased their ability to fight infections. We do not know whether aldrin or dieldrin affect the ability of people to fight disease.

Studies in animals have given conflicting results about whether aldrin and dieldrin affect reproduction in male animals and whether these chemicals may damage the sperm.

ALDRIN and DIELDRIN

CAS # 309-00-2 and 60-57-1

We do not know whether aldrin or dieldrin affect reproduction in humans.

How likely are aldrin and dieldrin to cause cancer?

There is no conclusive evidence that aldrin or dieldrin cause cancer in humans. Aldrin and dieldrin have been shown to cause liver cancer in mice. The International Agency for Research on Cancer (IARC) has determined that aldrin and dieldrin are not classifiable as to human carcinogenicity. The EPA has determined that aldrin and dieldrin are probable human carcinogens.

How can aldrin and dieldrin affect children?

Children can be exposed to aldrin and dieldrin in the same way as adults. There are no known unique exposure pathways for children. Children who swallowed amounts of aldrin or dieldrin much larger than those found in the environment suffered convulsions and some died, as occurred in adults. However, we do not know whether children are more susceptible than adults to the effects of aldrin or dieldrin.

We do not know whether aldrin or dieldrin cause birth defects in humans. Pregnant animals that ingested aldrin or dieldrin had some babies with low birth weight and some with alterations in the skeleton. Dieldrin has been found in human breast milk, therefore, it can be passed to suckling infants.

How can families reduce the risk of exposure to aldrin and dieldrin?

❑ Since aldrin and dieldrin are no longer produced or used, exposure to these compounds will occur only from past usage.

❑ Because aldrin and dieldrin were applied to the basement of some homes for termite protection, before buying a home families should investigate what, if any, pesticides have been used within the home.

Is there a medical test to show whether I've been exposed to aldrin and dieldrin?

There are laboratory tests that can measure aldrin and dieldrin in your blood, urine, and body tissues. Because aldrin changes to dieldrin fairly quickly in the body, the test has to be done shortly after you are exposed to aldrin. Since dieldrin can stay in the body for months, measurements of dieldrin can be made much longer after exposure to either aldrin or dieldrin. The tests cannot tell you whether harmful health effects will occur. These tests are not routinely available at the doctor's office because they require special equipment.

Has the federal government made recommendations to protect human health?

The EPA limits the amount of aldrin and dieldrin that may be present in drinking water to 0.001 and 0.002 milligrams per liter (mg/L) of water, respectively, for protection against health effects other than cancer. The EPA has determined that a concentration of aldrin and dieldrin of 0.0002 mg/L in drinking water limits the lifetime risk of developing cancer from exposure to each compound to 1 in 10,000.

The Occupational Safety and Health Administration (OSHA) sets a maximum average of 0.25 milligrams of aldrin and dieldrin per cubic meter of air (0.25 mg/m^3) in the workplace during an 8-hour shift, 40 hour week. The National Institute for Occupational Safety and Health (NIOSH) also recommends a limit of 0.25 mg/m^3 for both compounds for up to a 10-hour work day, 40-hour week.

The Food and Drug Administration (FDA) regulates the residues of aldrin and dieldrin in raw foods. The allowable range is from 0 to 0.1 ppm, depending on the type of food product.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2002. Toxicological Profile for Aldrin/Dieldrin (Update). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ARSENIC
CAS # 7440-38-2

Division of Toxicology ToxFAQs™ December 2003

This fact sheet answers the most frequently asked health questions (FAQs) about arsenic. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to higher than average levels of arsenic occurs mostly in the workplace, near hazardous waste sites, or in areas with high natural levels. At high levels, inorganic arsenic can cause death. Exposure to lower levels for a long time can cause a discoloration of the skin and the appearance of small corns or warts. Arsenic has been found at 1,014 of the 1,598 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is arsenic?

Arsenic is a naturally occurring element widely distributed in the earth's crust. In the environment, arsenic is combined with oxygen, chlorine, and sulfur to form inorganic arsenic compounds. Arsenic in animals and plants combines with carbon and hydrogen to form organic arsenic compounds.

Inorganic arsenic compounds are mainly used to preserve wood. Organic arsenic compounds are used as pesticides, primarily on cotton plants.

What happens to arsenic when it enters the environment?

❑ Arsenic cannot be destroyed in the environment. It can only change its form.
❑ Arsenic in air will settle to the ground or is washed out of the air by rain.
❑ Many arsenic compounds can dissolve in water.
❑ Fish and shellfish can accumulate arsenic, but the arsenic in fish is mostly in a form that is not harmful.

How might I be exposed to arsenic?

❑ Eating food, drinking water, or breathing air containing arsenic.
❑ Breathing contaminated workplace air.
❑ Breathing sawdust or burning smoke from wood treated with arsenic.
❑ Living near uncontrolled hazardous waste sites containing arsenic.
❑ Living in areas with unusually high natural levels of arsenic in rock.

How can arsenic affect my health?

Breathing high levels of inorganic arsenic can give you a sore throat or irritated lungs. Ingesting high levels of inorganic arsenic can result in death. Lower levels of arsenic can cause nausea and vomiting, decreased production of red and white blood cells, abnormal heart rhythm, damage to blood vessels, and a sensation of "pins and needles" in hands and feet.

Ingesting or breathing low levels of inorganic arsenic for a long time can cause a darkening of the skin and the

appearance of small "corns" or "warts" on the palms, soles, and torso.

Skin contact with inorganic arsenic may cause redness and swelling.

Organic arsenic compounds are less toxic than inorganic arsenic compounds. Exposure to high levels of some organic arsenic compounds may cause similar effects as inorganic arsenic.

How likely is arsenic to cause cancer?

Several studies have shown that inorganic arsenic can increase the risk of lung cancer, skin cancer, bladder cancer, liver cancer, kidney cancer, and prostate cancer. The World Health Organization (WHO), the Department of Health and Human Services (DHHS), and the EPA have determined that inorganic arsenic is a human carcinogen.

How can arsenic affect children?

We do not know if exposure to arsenic will result in birth defects or other developmental effects in people. Birth defects have been observed in animals exposed to inorganic arsenic.

It is likely that health effects seen in children exposed to high amounts of arsenic will be similar to the effects seen in adults.

How can families reduce the risk of exposure to arsenic?

❑ If you use arsenic-treated wood in home projects, you should wear dust masks, gloves, and protective clothing to decrease exposure to sawdust.
❑ If you live in an area with high levels of arsenic in water or soil, you should use cleaner sources of water and limit contact with soil.

Is there a medical test to show whether I've been exposed to arsenic?

There are tests to measure the level of arsenic in blood, urine, hair, or fingernails. The urine test is the most reliable test for arsenic exposure within the last few days. Tests on hair and fingernails can measure exposure to high levels or arsenic over the past 6-12 months. These tests can determine if you have been exposed to above-average levels of arsenic. They cannot predict how the arsenic levels in your body will affect your health.

Has the federal government made recommendations to protect human health?

EPA has set limits on the amount of arsenic that industrial sources can release to the environment and has restricted or canceled many uses of arsenic in pesticides. EPA has set a limit of 0.01 parts per million (ppm) for arsenic in drinking water.

The Occupational Safety and Health Administration has set limits of 10 µg arsenic per cubic meter of workplace air (10 µg/m^3) for 8 hour shifts and 40 hour work weeks.

Source of Information

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological Profile for Arsenic. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html . ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Benzene - ToxFAQs™

CAS # 71-43-2

This fact sheet answers the most frequently asked health questions (FAQs) about benzene. For more information, call the CDC Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHTLIGHTS: Benzene is a widely used chemical formed from both natural processes and human activities. Breathing benzene can cause drowsiness, dizziness, and unconsciousness; long-term benzene exposure causes effects on the bone marrow and can cause anemia and leukemia. Benzene has been found in at least 1,000 of the 1,684 National Priority List (NPL) sites identified by the Environmental Protection Agency (EPA).

What is benzene?

Benzene is a colorless liquid with a sweet odor. It evaporates into the air very quickly and dissolves slightly in water. It is highly flammable and is formed from both natural processes and human activities.

Benzene is widely used in the United States; it ranks in the top 20 chemicals for production volume. Some industries use benzene to make other chemicals which are used to make plastics, resins, and nylon and other synthetic fibers. Benzene is also used to make some types of rubbers, lubricants, dyes, detergents, drugs, and pesticides. Natural sources of benzene include emissions from volcanoes and forest fires. Benzene is also a natural part of crude oil, gasoline, and cigarette smoke.

What happens to benzene when it enters the environment?

- Industrial processes are the main source of benzene in the environment.
- Benzene can pass into the air from water and soil.
- It reacts with other chemicals in the air and breaks down within a few days.
- Benzene in the air can attach to rain or snow and be carried back down to the ground.
- It breaks down more slowly in water and soil, and can pass through the soil into underground water.
- Benzene does not build up in plants or animals.

How might I be exposed to benzene?

- Outdoor air contains low levels of benzene from tobacco smoke, automobile service stations, exhaust from motor vehicles, and industrial emissions.
- Vapors (or gases) from products that contain benzene, such as glues, paints, furniture wax, and detergents, can also be a source of exposure.
- Air around hazardous waste sites or gas stations will contain higher levels of benzene.
- Working in industries that make or use benzene.

How can benzene affect my health?

Breathing very high levels of benzene can result in death, while high levels can cause drowsiness, dizziness, rapid heart rate, headaches, tremors, confusion, and unconsciousness. Eating or drinking foods containing high levels of benzene can cause vomiting, irritation of the stomach, dizziness, sleepiness, convulsions, rapid heart rate, and death.

The major effect of benzene from long-term exposure is on the blood. Benzene causes harmful effects on the bone marrow and can cause a decrease in red blood cells leading to anemia. It can also cause excessive bleeding and can affect the immune system, increasing the chance for infection. Some women who breathed high levels of benzene for many months had irregular menstrual periods and a decrease in the size of their ovaries, but we do not know for certain that benzene caused the effects. It is not known whether benzene will affect fertility in men.

Benzene

CAS # 71-43-2

How likely is benzene to cause cancer?

Long-term exposure to high levels of benzene in the air can cause leukemia, particularly acute myelogenous leukemia, often referred to as AML. This is a cancer of the bloodforming organs. The Department of Health and Human Services (DHHS) has determined that benzene is a known carcinogen. The International Agency for Research on Cancer (IARC) and the EPA have determined that benzene is carcinogenic to humans.

How can benzene affect children?

Children can be affected by benzene exposure in the same ways as adults. It is not known if children are more susceptible to benzene poisoning than adults.

Benzene can pass from the mother's blood to a fetus. Animal studies have shown low birth weights, delayed bone formation, and bone marrow damage when pregnant animals breathed benzene.

How can families reduce the risks of exposure to benzene?

Benzene exposure can be reduced by limiting contact with gasoline and cigarette smoke. Families are encouraged not to smoke in their house, in enclosed environments, or near their children.

Is there a medical test to determine whether I've been exposed to benzene?

Several tests can show if you have been exposed to benzene. There is a test for measuring benzene in the breath; this test must be done shortly after exposure. Benzene can also be measured in the blood; however, since benzene disappears rapidly from the blood, this test is only useful for recent exposures.

In the body, benzene is converted to products called metabolites. Certain metabolites can be measured in the urine. The metabolite S-phenylmercapturic acid in urine is a sensitive indicator of benzene exposure. However, this test must be done shortly after exposure and is not a reliable indicator of how much benzene you have been exposed to, since the metabolites may be present in urine from other sources.

Has the federal government made recommendations to protect human health?

The EPA has set the maximum permissible level of benzene in drinking water at 5 parts benzene per billion parts of water (5 ppb).

The Occupational Safety and Health Administration (OSHA) has set limits of 1 part benzene per million parts of workplace air (1 ppm) for 8 hour shifts and 40 hour work weeks.

References

Agency for Toxic Substances and Disease Registry (ATSDR) 2007. Toxicological Profile for Benzene (Update). Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

Where can I get more information?

For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Human Health Sciences, 1600 Clifton Road NE, Mailstop F-57, Atlanta, GA 30329-4027.

Phone: 1-800-232-4636

ToxFAQs™ Internet address via WWW is http://www.atsdr.cdc.gov/toxfaqs/index.asp.

ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Cadmium- ToxFAQs™

CAS # 7440-43-9

This fact sheet answers the most frequently asked health questions (FAQs) about cadmium. For more information, call the CDC Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to cadmium happens mostly in the workplace where cadmium products are made. The general population is exposed from breathing cigarette smoke or eating cadmium contaminated foods. Cadmium damages the kidneys, lungs, and bones. Cadmium has been found in at least 1,014 of the 1,669 National Priorities List (NPL) sites identified by the Environmental Protection Agency (EPA).

What is cadmium?

Cadmium is a natural element in the earth's crust. It is usually found as a mineral combined with other elements such as oxygen (cadmium oxide), chlorine (cadmium chloride), or sulfur (cadmium sulfate, cadmium sulfide).

All soils and rocks, including coal and mineral fertilizers, contain some cadmium. Most cadmium used in the United States is extracted during the production of other metals like zinc, lead, and copper. Cadmium does not corrode easily and has many uses, including batteries, pigments, metal coatings, and plastics.

What happens to cadmium when it enters the environment?

- Cadmium enters soil, water, and air from mining, industry, and burning coal and household wastes.
- Cadmium does not break down in the environment, but can change forms.
- Cadmium particles in air can travel long distances before falling to the ground or water.
- Some forms of cadmium dissolve in water.
- Cadmium binds strongly to soil particles.
- Fish, plants, and animals take up cadmium from the environment.

How might I be exposed to cadmium?

- Eating foods containing cadmium; low levels are found in all foods (highest levels are found in leafy vegetables, grains, legumes, and kidney meat).
- Smoking cigarettes or breathing cigarette smoke.
- Breathing contaminated workplace air.
- Drinking contaminated water.
- Living near industrial facilities which release cadmium into the air.

How can cadmium affect my health?

Breathing high levels of cadmium can severely damage the lungs. Eating food or drinking water with very high levels severely irritates the stomach, leading to vomiting and diarrhea.

Long-term exposure to lower levels of cadmium in air, food, or water leads to a buildup of cadmium in the kidneys and possible kidney disease. Other long-term effects are lung damage and fragile bones.

How likely is cadmium to cause cancer?

The Department of Health and Human Services (DHHS) and the International Agency for Research on Cancer (IARC) have determined that cadmium and cadmium compounds are human carcinogens. The EPA determined that cadmium is a probable human carcinogen (group B1).

Cadmium

CAS # 7440-43-9

How can cadmium affect children?

The health effects in children are expected to be similar to the effects seen in adults (kidney and lung damage depending on the route of exposure).

A few studies in animals indicate that younger animals absorb more cadmium than adults. Animal studies also indicate that the young are more susceptible than adults to a loss of bone and decreased bone strength from exposure to cadmium.

We don't know if cadmium causes birth defects in people. Studies in animals exposed to high levels of cadmium during pregnancy have resulted in harmful effects to the young. Young animals exposed to cadmium before birth have shown effects on behavior and learning. There is also some information from animal studies that high enough exposures to cadmium before birth can reduce body weights and affect the skeleton in the developing young.

How can families reduce the risk of exposure to cadmium?

- Do not allow children to play with batteries. Dispose of nickel-cadmium batteries properly.
- Cadmium is a component of tobacco smoke. Avoid smoking and smoking in enclosed spaces like inside the home or car in order to limit exposure to children and other family members.
- If you work with cadmium, use all safety precautions to avoid carrying cadmium-containing dust home from work on your clothing, skin, hair, or tools.
- A balanced diet can reduce the amount of cadmium taken into the body from food and drink.

Is there a medical test to determine whether I've been exposed to cadmium?

Cadmium can be measured in blood, urine, hair, or nails. Urinary cadmium has been shown to accurately reflect the amount of cadmium in the body.

The amount of cadmium in your blood shows your recent exposure to cadmium. The amount of cadmium in your urine shows both your recent and your past exposure.

Has the federal government made recommendations to protect human health?

The EPA has determined that exposure to cadmium in drinking water at concentrations of 0.04 milligrams per liter (0.04 mg/L) for up to 10 days is not expected to cause any adverse effects in a child.

The EPA has determined that lifetime exposure to 0.005 mg/L cadmium is not expected to cause any adverse effects.

The Food and Drug Administration (FDA) has determined that the cadmium concentration in bottled drinking water should not exceed 0.005 mg/L.

The Occupational Health and Safety Administration (OSHA) has limited workers' exposure to an average of 5 $\mu g/m^3$ for an 8-hour workday, 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2012. Toxicological Profile for Cadmium. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information?

For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Human Health Sciences, 1600 Clifton Road NE, Mailstop F-57, Atlanta, GA 30329-4027.

Phone: 1-800-232-4636

ToxFAQs™ Internet address via WWW is http://www.atsdr.cdc.gov/toxfaqs/index.asp.

ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

CARBON DISULFIDE
CAS # 75-15-0

This fact sheet answers the most frequently asked health questions (FAQs) about carbon disulfide. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to carbon disulfide can occur by breathing it in the air and by drinking water or eating foods that contain it. Breathing very high levels can be life threatening because of its effects on the nervous system. Breathing low levels for long periods may result in headaches, tiredness, trouble sleeping, and slight changes in the nerves. Carbon disulfide has been found in at least 210 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is carbon disulfide?

(Pronounced kär′bən dī-sŭl′fīd′)

Pure carbon disulfide is a colorless liquid with a pleasant odor that is like the smell of chloroform. The impure carbon disulfide that is usually used in most industrial processes is a yellowish liquid with an unpleasant odor, like that of rotting radishes.

Carbon disulfide evaporates at room temperature, and the vapor is more than twice as heavy as air. It easily explodes in air and also catches fire very easily.

In nature, small amounts of carbon disulfide are found in gases released to the earth's surface as, for example, in volcanic eruptions or over marshes. Commercial carbon disulfide is made by combining carbon and sulfur at very high temperatures.

What happens to carbon disulfide when it enters the environment?

- Carbon disulfide released into the air through natural processes is difficult to judge because it is so small.
- Carbon disulfide evaporates rapidly when released to the environment.
- Most carbon disulfide in the air and surface water is from manufacturing and processing activities.
- It is found naturally in coastal and ocean waters.
- Carbon disulfide does not stay dissolved in water very long, and it also moves through soils fairly quickly.
- Carbon disulfide does not appear to be taken up in significant amounts by the organisms living in water.

How might I be exposed to carbon disulfide?

- The people most often exposed to carbon disulfide are workers in plants that use carbon disulfide in their manufacturing processes.
- People may be exposed by breathing air, drinking water, or eating foods that contain it.
- People may also be exposed through skin contact with soil, water, or other substances that contain carbon disulfide.

How can carbon disulfide affect my health?

At very high levels, carbon disulfide may be life-threatening because of its effects on the nervous system. People who

breathed carbon disulfide near an accident involving a railroad car showed changes in breathing and some chest pains.

Some workers who breathed high levels during working hours for at least 6 months had headaches, tiredness, and trouble sleeping. However, these workers may have been exposed to other chemicals besides carbon disulfide. Among workers who breathed lower levels, some developed very slight changes in their nerves.

Studies in animals indicate that carbon disulfide can affect the normal functions of the brain, liver, and heart. After pregnant rats breathed carbon disulfide in the air, some of the newborn rats died or had birth defects.

High concentrations of carbon disulfide have caused skin burns when the chemical accidentally touched people's skin.

How likely is carbon disulfide to cause cancer?

The Department of Health and Human Services (DHHS), the International Agency for Research on Cancer (IARC), and the EPA have not classified carbon disulfide for carcinogenicity.

There are no definitive data in humans or animals that indicate a carcinogenic potential for carbon disulfide.

Is there a medical test to show whether I've been exposed to carbon disulfide?

One chemical test using urine can be done to tell whether the levels of breakdown substances from carbon disulfide are higher than normal. However, the test is not specific for carbon disulfide exposure.

A second test based on a specific breakdown substance is more sensitive and specific. It also requires special equipment and cannot tell you exactly how much carbon disulfide you were exposed to or predict whether harmful effects will occur.

These tests aren't available at most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA requires that spills or accidental releases into the environment of 100 pounds or more of carbon disulfide be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set a limit of 20 parts of carbon disulfide per million parts of air (20 ppm) for an 8-hour workday for a 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends that workroom air levels of carbon disulfide not exceed 1 ppm for a 10-hour workday, 40-hour workweek.

Glossary

Carcinogenicity: Ability of a substance to cause cancer.

CAS: Chemical Abstracts Service.

Dissolve: To disappear gradually.

Evaporate: To change into vapor or a gas.

References

This ToxFAQs information is taken from the 1996 Toxicological Profile for Carbon Disulfide produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

CHROMIUM

CAS # 7440-47-3

Division of Toxicology and Environmental Medicine ToxFAQs™ September 2008

This fact sheet answers the most frequently asked health questions (FAQs) about chromium. For more information, call the ATSDR Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to chromium occurs from ingesting contaminated food or drinking water or breathing contaminated workplace air. Chromium(VI) at high levels can damage the nose and cause cancer. Ingesting high levels of chromium(VI) may result in anemia or damage to the stomach or intestines. Chromium(III) is an essential nutrient. Chromium has been found in at least 1,127 of the 1,669 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is chromium?

Chromium is a naturally occurring element found in rocks, animals, plants, and soil. It can exist in several different forms. Depending on the form it takes, it can be a liquid, solid, or gas. The most common forms are chromium(0), chromium(III), and chromium(VI). No taste or odor is associated with chromium compounds.

The metal chromium, which is the chromium(0) form, is used for making steel. Chromium(VI) and chromium(III) are used for chrome plating, dyes and pigments, leather tanning, and wood preserving.

What happens to chromium when it enters the environment?

❑ Chromium can be found in air, soil, and water after release from the manufacture, use, and disposal of chromium-based products, and during the manufacturing process.
❑ Chromium does not usually remain in the atmosphere, but is deposited into the soil and water .
❑ Chromium can easily change from one form to another in water and soil, depending on the conditions present.
❑ Fish do not accumulate much chromium in their bodies from water.

How might I be exposed to chromium?

❑ Eating food containing chromium(III).
❑ Breathing contaminated workplace air or skin contact during use in the workplace.
❑ Drinking contaminated well water.
❑ Living near uncontrolled hazardous waste sites containing chromium or industries that use chromium.

How can chromium affect my health?

Chromium(III) is an essential nutrient that helps the body use sugar, protein, and fat.

Breathing high levels of chromium(VI) can cause irritation to the lining of the nose, nose ulcers, runny nose, and breathing problems, such as asthma, cough, shortness of breath, or wheezing. The concentrations of chromium in air that can cause these effects may be different for different types of chromium compounds, with effects occurring at much lower concentrations for chromium(VI) compared to chromium(III).

The main health problems seen in animals following ingestion of chromium(VI) compounds are irritation and ulcers in the stomach and small intestine and anemia. Chromium(III) compounds are much less toxic and do not appear to cause these problems.

Sperm damage and damage to the male reproductive system have also been seen in laboratory animals exposed to chromium(VI).

Skin contact with certain chromium(VI) compounds can cause skin ulcers. Some people are extremely sensitive to chromium(VI) or chromium(III). Allergic reactions consisting of severe redness and swelling of the skin have been noted.

How likely is chromium to cause cancer?

The Department of Health and Human Services (DHHS), the International Agency for Reseach on Cancer (IARC), and the EPA have determined that chromium(VI) compounds are known human carcinogens. In workers, inhalation of chromium(VI) has been shown to cause lung cancer. Chromium(VI) also causes lung cancer in animals. An increase in stomach tumors was observed in humans and animals exposed to chromium(VI) in drinking water.

How can chromium affect children?

It is likely that health effects seen in children exposed to high amounts of chromium will be similar to the effects seen in adults.

We do not know if exposure to chromium will result in birth defects or other developmental effects in people. Some developmental effects have been observed in animals exposed to chromium(VI).

How can families reduce the risks of exposure to chromium?

❑ Children should avoid playing in soils near uncontrolled hazardous waste sites where chromium may have been discarded.

❑ Chromium is a component of tobacco smoke. Avoid smoking in enclosed spaces like inside the home or car in order to limit exposure to children and other family members.

❑ Although chromium(III) is an essential nutrient, you should avoid excessive use of dietary supplements containing chromium.

Is there a medical test to determine whether I've been exposed to chromium?

Since chromium(III) is an essential element and naturally occurs in food, there will always be some level of chromium in your body. Chromium can be measured in hair, urine, and blood.

Higher than normal levels of chromium in blood or urine may indicate that a person has been exposed to chromium. However , increases in blood and urine chromium levels cannot be used to predict the kind of health effects that might develop from that exposure.

Has the federal government made recommendations to protect human health?

The EPA has determined that exposure to chromium in drinking water at concentrations of 1 mg/L for up to 10 days is not expected to cause any adverse effects in a child.

The FDA has determined that the chromium concentration in bottled drinking water should not exceed 1 mg/L.

The Occupational Health and Safety Administration (OSHA) has limited workers' exposure to an average of 0.0005 mg/m ^{3} chromium(VI), 0.5 mg/m ^{3} chromium(III), and 1.0 mg/m ^{3} chromium(0) for an 8-hour workday, 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2008. Toxicological Profile for Chromium (Draft for Public Comment). Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Environmental Medicine, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-800-232-4636, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmenta l quality department if you have any more questions or concerns.

DDT, DDE, and DDD - ToxFAQs™

What are DDT, DDE, and DDD?

DDT (dichlorodiphenyltrichloroethane) is a man-made chemical that does not occur naturally in the environment. It is a white, crystalline solid with no odor or taste. DDE (dichlorodiphenyldichloroethylene) and DDD (dichlorodiphenyldichloroethane) are chemicals similar to DDT that can form when DDT breaks down.

DDT is a pesticide that was once widely used to control insects in agriculture and insects that carry diseases such as malaria. Its use was banned in 1972 because of damage to wildlife but is still used in a limited number of countries where diseases such as malaria are a major health problem. DDE has no commercial use. DDD was also used to kill pests, but its use has also been banned. One form of DDD has been used to treat cancer of the adrenal gland.

What happens to DDT, DDE, and DDD in the environment?

DDT can get into the environment when it is used as a pesticide. DDE and DDD form when DDT breaks down. These chemicals can evaporate into the air from water and moist soil and may then be carried to locations very far from the original source. They can be removed from the air by rain and snow or be broken down by sunlight. DDT, DDE, and DDD stick strongly to the soil and are not likely to move into the groundwater. Microorganisms in the soil slowly break down DDT (it can take anywhere from 2 to 15 years to break down half of the DDT). DDT does not dissolve easily in water and is mostly found in the sediment on the bottom of bodies of water. DDT, DDE, and DDD can build up in plants and animals.

How can I be exposed to DDT, DDE, and DDD?

Most people are not likely to be exposed to DDT, DDE, or DDD. The most common way to be exposed to small amounts of these chemicals is from eating contaminated food such as meat, fish, poultry, and dairy products. If you live near a hazardous waste site, you might be exposed to DDT, DDE, and DDD from contaminated air, dirt, or water.

Since DDT was banned in 1972, exposure to DDT, DDE, and DDD has decreased dramatically. Small amounts may still be found in some food.

How can DDT, DDE, and DDD affect my health?

People who accidentally swallowed large amounts of DDT had tremors, headaches, nausea, and seizures. These effects went away after the exposure stopped. No effects were seen in volunteers who took a small daily dose of DDT by capsule for 18 months. Studies have shown that women with high amounts of DDE in their blood were more likely to have a premature baby or a baby with a wheeze. Exposure to DDT may also increase chances of developing Type II diabetes mellitus in some groups of people.

Animal studies generally used higher amounts of DDT, DDE, and DDD than you would likely be exposed to in the United States. In studies where animals were fed DDT, DDE, or DDD, harmful effects were seen on their nervous system, liver, and reproductive system (including decreased fertility).

DDT, DDE, and DDD

Can DDT, DDE, and DDD cause cancer?

Studies have shown that people with higher levels of DDT in their blood have an increased risk of developing liver cancer. Liver cancer was also seen in animals that were fed DDT over a long period of time.

The U.S. Department of Health and Human Services (DHHS) has determined that DDT may reasonably be anticipated to be a human carcinogen (causing cancer in people).

The U.S. Environmental Protection Agency (EPA) has classified DDT, DDE, and DDD as probable human carcinogens.

The International Agency for Research on Cancer (IARC) determined DDT may possibly cause cancer in humans.

Can I get a medical test to check for DDT, DDE, and DDD?

Tests are available to measure levels of DDT, DDE, and DDD in the blood, hair, and breast milk.

These tests cannot predict whether you will have health problems from the exposure to DDT, DDE, and DDD. Doctor's offices do not routinely offer these tests.

How can I protect myself and my family from DDT, DDE, and DDD?

Most people don't need to take any special steps to avoid DDT, DDE, and DDD in their daily lives. Washing fruits and vegetable that come from foreign countries will remove most DDT if any is present. Children should avoid playing in dirt or water near hazardous waste sites to avoid coming in contact with these chemicals.

Follow health advisories that tell you about consumption of fish and wildlife caught in contaminated areas.

For more information:

Call **CDC-INFO** at 1-800-232-4636, or submit your question online at https://wwwn.cdc.gov/dcs/ContactUs/Form

Go to ATSDR's Toxicological Profile for DDT, DDE, and DDD: https://wwwn.cdc.gov/TSP/ToxProfiles/ToxProfiles.aspx?id=81&tid=20

Go to ATSDR's Toxic Substances Portal: https://wwwn.cdc.gov/TSP/index.aspx

Find & contact your ATSDR Regional Representative at http://www.atsdr.cdc.gov/DRO/dro_org.html

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ETHYLBENZENE
CAS # 100-41-4

Agency for Toxic Substances and Disease Registry ToxFAQs **June 1999**

This fact sheet answers the most frequently asked health questions (FAQs) about ethylbenzene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Ethylbenzene is a colorless liquid found in a number of products including gasoline and paints. Breathing very high levels can cause dizziness and throat and eye irritation. Ethylbenzene has been found in at least 731 of the 1,467 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is ethylbenzene?

(Pronounced ĕth′ əl bĕn′ zēn′)

Ethylbenzene is a colorless, flammable liquid that smells like gasoline. It is found in natural products such as coal tar and petroleum and is also found in manufactured products such as inks, insecticides, and paints.

Ethylbenzene is used primarily to make another chemical, styrene. Other uses include as a solvent, in fuels, and to make other chemicals.

What happens to ethylbenzene when it enters the environment?

- Ethylbenzene moves easily into the air from water and soil.
- It takes about 3 days for ethylbenzene to be broken down in air into other chemicals.
- Ethylbenzene may be released to water from industrial discharges or leaking underground storage tanks.
- In surface water, ethylbenzene breaks down by reacting with other chemicals found naturally in water.
- In soil, it is broken down by soil bacteria.

How might I be exposed to ethylbenzene?

- Breathing air containing ethylbenzene, particularly in areas near factories or highways.
- Drinking contaminated tap water.
- Working in an industry where ethylbenzene is used or made.
- Using products containing it, such as gasoline, carpet glues, varnishes, and paints.

How can ethylbenzene affect my health?

Limited information is available on the effects of ethylbenzene on people's health. The available information shows dizziness, throat and eye irritation, tightening of the chest, and a burning sensation in the eyes of people exposed to high levels of ethylbenzene in air.

Animals studies have shown effects on the nervous system, liver, kidneys, and eyes from breathing ethylbenzene in air.

How likely is ethylbenzene to cause cancer?

The EPA has determined that ethylbenzene is not classifiable as to human carcinogenicity.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

No studies in people have shown that ethylbenzene exposure can result in cancer. Two available animal studies suggest that ethylbenzene may cause tumors.

How can ethylbenzene affect children?

Children may be exposed to ethylbenzene through inhalation of consumer products, including gasoline, paints, inks, pesticides, and carpet glue. We do not know whether children are more sensitive to the effects of ethylbenzene than adults.

It is not known whether ethylbenzene can affect the development of the human fetus. Animal studies have shown that when pregnant animals were exposed to ethylbenzene in air, their babies had an increased number of birth defects.

How can families reduce the risk of exposure to ethylbenzene?

Exposure to ethylbenzene vapors from household products and newly installed carpeting can be minimized by using adequate ventilation.

Household chemicals should be stored out of reach of children to prevent accidental poisoning. Always store household chemicals in their original containers; never store them in containers children would find attractive to eat or drink from, such as old soda bottles. Gasoline should be stored in a gasoline can with a locked cap.

Sometimes older children sniff household chemicals, including ethylbenzene, in an attempt to get high. Talk with your children about the dangers of sniffing chemicals.

Is there a medical test to show whether I've been exposed to ethylbenzene?

Ethylbenzene is found in the blood, urine, breath, and some body tissues of exposed people. The most common way to test for ethylbenzene is in the urine. This test measures substances formed by the breakdown of ethylbenzene. This test needs to be done within a few hours after exposure occurs, because the substances leave the body very quickly.

These tests can show you were exposed to ethylbenzene, but cannot predict the kind of health effects that might occur.

Has the federal government made recommendations to protect human health?

The EPA has set a maximum contaminant level of 0.7 milligrams of ethylbenzene per liter of drinking water (0.7 mg/L).

The EPA requires that spills or accidental releases into the environment of 1,000 pounds or more of ethylbenzene be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set an occupational exposure limit of 100 parts of ethylbenzene per million parts of air (100 ppm) for an 8-hour workday, 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1999. Toxicological profile for ethylbenzene. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

FUEL OILS

CAS # 8008-20-6, 70892-10-3, 68476-30-2, 68476-34-6, 68476-31-3

This fact sheet answers the most frequently asked health questions (FAQs) about fuel oils. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Fuel oils are liquid mixtures produced from petroleum, and their use mostly involves burning them as fuels. Drinking or breathing fuel oils may cause nausea or nervous system effects. However, exposure under normal use conditions is not likely to be harmful. Fuel oils have been found in at least 26 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are fuel oils?

(Pronounced fyo͞o′əl oilz)

Fuel oils are a variety of yellowish to light brown liquid mixtures that come from crude petroleum. Some chemicals found in fuel oils may evaporate easily, while others may more easily dissolve in water.

Fuel oils are produced by different petroleum refining processes, depending on their intended uses. Fuel oils may be used as fuel for engines, lamps, heaters, furnaces, and stoves, or as solvents.

Some commonly found fuel oils include kerosene, diesel fuel, jet fuel, range oil, and home heating oil. These fuel oils differ from one another by their hydrocarbon compositions, boiling point ranges, chemical additives, and uses.

What happens to fuel oils when they enter the environment?

- Some chemicals found in fuel oils may evaporate into the air from open containers or contaminated soil or water.
- Some chemicals found in fuel oils may dissolve in water after spills to surface waters or leaks from underground storage tanks.
- Some chemicals found in fuel oils may stick to particles in water, which will eventually cause them to settle to the bottom sediment.
- Some of the chemicals found in fuel oils may be broken down slowly in air, water, and soil by sunlight or small organisms.
- Some of the chemicals found in fuel oils may build up significantly in plants and animals.

How might I be exposed to fuel oils?

- Using a home kerosene heater or stove, or using fuel oils at work.
- Breathing air in home or building basements that has been contaminated with fuel oil vapors entering from the soil.
- Drinking or swimming in water that has been contaminated with fuel oils from a spill or a leaking underground storage tank.
- Touching soil contaminated with fuel oils.
- Using fuel oils to wash paint or grease from skin or equipment.

How can fuel oils affect my health?

Little information is available about the health effects that may be caused by fuel oils. People who use kerosene

stoves for cooking do not seem to have any health problems related to their exposure.

Breathing some fuel oils for short periods may cause nausea, eye irritation, increased blood pressure, headache, lightheadedness, loss of appetite, poor coordination, and difficulty concentrating. Breathing diesel fuel vapors for long periods may cause kidney damage and lower your blood's ability to clot.

Drinking small amounts of kerosene may cause vomiting, diarrhea, coughing, stomach swelling and cramps, drowsiness, restlessness, painful breathing, irritability, and unconsciousness. Drinking large amounts of kerosene may cause convulsions, coma, or death. Skin contact with kerosene for short periods may cause itchy, red, sore, or peeling skin.

How likely are fuel oils to cause cancer?

The International Agency for Research on Cancer (IARC) has determined that some fuel oils (heavy) may possibly cause cancer in humans, but for other fuel oils (light) there is not enough information to make a determination. IARC has also determined that occupational exposures to fuel oils during petroleum refining are probably carcinogenic in humans.

Some studies with mice have suggested that repeated contact with fuel oils may cause liver or skin cancer. However, other mouse studies have found this not to be the case. No studies are available in other animals or in people on the carcinogenic effects of fuel oils.

Is there a medical test to show whether I've been exposed to fuel oils?

There is no medical test that shows if you have been exposed to fuel oils. Tests are available to determine if some of the chemicals commonly found in fuel oils are in your blood. However, the presence of these chemicals in blood may not necessarily mean that you have been exposed to fuel oils.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) and the Air Force Office of Safety and Health (AFOSH) have set a permissible exposure level (PEL) of 400 parts of petroleum distillates per million parts of air (400 ppm) for an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends that average workplace air levels not exceed 350 milligrams of petroleum distillates per cubic meter of air (350 mg/m^3) for a 40-hour workweek.

The Department of Transportation (DOT) lists fuel oils as hazardous materials and, therefore, regulates their transportation.

Glossary

Carcinogenic: Able to cause cancer.

CAS: Chemical Abstracts Service.

Evaporate: To change into a vapor or a gas.

Hydrocarbon: Any compound made up of hydrogen and carbon.

Milligram (mg): One thousandth of a gram.

ppm: Parts per million.

Sediment: Mud and debris that have settled to the bottom of a body of water.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for fuel oils. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Lead - ToxFAQs™

What is lead?

Lead is a metal found naturally in the earth's crust. It can be found in all parts of our environment, including air, water, and soil. Lead can combine with other chemicals to make different compounds.

Lead is used in the production of batteries, ammunition, and metal products (solder and pipes). Because of health concerns, the use of lead in paints, ceramic products, caulking, and pipe solder has been dramatically reduced. The use of lead as an additive to automobile gasoline was banned in 1996 in the United States.

What happens to lead in the environment?

- Lead is an element, so it does not break down.
- When lead is released into the air, it may be transported long distances before it lands and stays on the ground.
- Once on the ground, lead can often stick to soil particles.
- Lead in soil can get into groundwater, but the amount of lead that moves into groundwater will depend on the lead compound and soil type.

How can I be exposed to lead?

Lead can cause health problems in almost every organ and system in your body.

- Eating food or drinking water that contains lead.
- Drinking water from pipes that were soldered with lead can cause exposure.
- Spending time or living in homes with lead-based paints can result in exposure when the paint breaks down and forms dust, which can get on your hands, or into your mouth and nose and be swallowed.
- Spending time in areas where the soil is contaminated with lead.
- Working in a job where lead is used or participating in certain hobbies where lead is used, such as making stained glass.
- Using healthcare products from other countries, alternative treatments, or folk remedies.

How can lead affect my health?

The effects of lead are the same whether it enters the body by breathing it in or eating it. Lead can affect almost every organ and system in your body. The nervous system is the main target for lead poisoning in children and adults. Long-term exposure can result in decreased learning, memory, and attention, and weakness in fingers, wrists, or ankles. Lead exposure can cause anemia (low iron in the blood) and damage to the kidneys. It can also cause increases in blood pressure, particularly in middle-aged and older individuals. Exposure to high lead levels can severely damage the brain and kidneys and can cause death. In pregnant women, exposure to high levels of lead may cause a miscarriage. In men, it can cause damage to reproductive organs.

Lead

How can lead affect children?

Children are more vulnerable to lead poisoning than adults because their nervous system is still developing. Children can be exposed to lead in their environment and before birth from lead in their mother's body. At lower levels of exposure, lead can decrease mental development, especially learning, intelligence, and behavior. Physical growth may also be decreased. A child who swallows large amounts of lead may develop anemia, severe stomachache, muscle weakness, and brain damage. Exposure to lead during pregnancy can also result in premature births. Some effects of lead poisoning in a child may continue into adulthood.

Can lead cause cancer?

Several agencies and organizations both in the United States and internationally have reviewed studies and made an assessment about whether lead can cause cancer.

- The Department of Health and Human Services (HHS) has determined that lead and lead compounds are reasonably anticipated to be human carcinogens (causing cancer in people).
- The U.S. Environmental Protection Agency (EPA) has classified lead as a probable human carcinogen.
- The International Agency for Research on Cancer (IARC) has determined that inorganic lead is probably carcinogenic to humans, and that there is insufficient information to determine whether organic lead compounds will cause cancer in humans.

Can I get a medical test to check for lead?

A blood test is available to measure the amount of lead in your blood. Blood tests are commonly used to screen children for lead poisoning. Your doctor can draw blood samples and send them to appropriate laboratories for analysis. If you think you or anyone in your family has been exposed to lead, contact your doctor, nurse, or poison control center.

How can I protect my family from lead exposure?

- Avoid exposure to sources of lead.
- Do not allow children to chew or mouth surfaces that may have been painted with lead-based paint.
- If your home contains lead-based paint (built before 1978), or if you live in an area contaminated with lead, wash children's hands and faces often to remove lead dusts and soil, and regularly clean the house to remove lead dust and lead tracked in soil.
- Certain water pipes may contain lead, so if you know that pipes have lead solder, you should avoid drinking from that source.
- Check for lead in some products such as toys and jewelry and avoid such products.
- Lead is sometimes in candies imported from other countries or traditional home remedies; find out if yours has any lead and avoid using these products or giving them to children.
- You can learn more about preventing lead poisoning here: https://www.cdc.gov/nceh/lead/faqs/lead-faqs.htm

Want more information?

Call **CDC-INFO** at 1-800-232-4636, or submit your question online at https://wwwn.cdc.gov/dcs/ContactUs/Form

Go to ATSDR's Toxicological Profile for Lead

CDC Lead Poisoning Prevention Program https://www.cdc.gov/nceh/lead/default.htm

Environmental Protection Agency https://www.epa.gov/lead/protect-your-family-exposures-lead

Go to ATSDR's Toxic Substances Portal: https://wwwn.cdc.gov/TSP/index.aspx

If you have any more questions or concerns, you can also find & contact your ATSDR Regional Representative at http://www.atsdr.cdc.gov/DRO/dro_org.html

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

MANGANESE

CAS # 7439-96-5

Division of Toxicology and Environmental Medicine ToxFAQs™ **September 2008**

This fact sheet answers the most frequently asked health questions (FAQs) about manganese. For more information, call the ATSDR Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Manganese is a trace element and eating a small amount from food or water is needed to stay healthy. Exposure to excess levels of manganese may occur from breathing air, particularly where manganese is used in manufacturing, and from drinking water and eating food. At high levels, it can cause damage to the brain. Manganese has been found in at least 869 of the 1,669 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is manganese?

Manganese is a naturally occurring metal that is found in many types of rocks. Pure manganese is silver-colored, but does not occur naturally. It combines with other substances such as oxygen, sulfur, or chlorine. Manganese occurs naturally in most foods and may be added to some foods.

Manganese is used principally in steel production to improve hardness, stiffness, and strength. It may also be used as an additive in gasoline to improve the octane rating of the gas.

What happens to manganese when it enters the environment?

❑ Manganese can be released to the air, soil, and water from the manufacture, use, and disposal of manganese-based products.

❑ Manganese cannot break down in the environment. It can only change its form or become attached to or separated from particles.

❑ In water, manganese tends to attach to particles in the water or settle into the sediment.

❑ The chemical state of manganese and the type of soil determine how fast it moves through the soil and how much is retained in the soil.

❑ The manganese-containing gasoline additive may degrade in the environment quickly when exposed to sunlight, releasing manganese.

How might I be exposed to manganese?

❑ The primary way you can be exposed to manganese is by eating food or manganese-containing nutritional supplements. Vegetarians who consume foods rich in manganese such as grains, beans and nuts, as well as heavy tea drinkers, may have a higher intake of manganese than the average person.

❑ Certain occupations like welding or working in a factory where steel is made may increase your chances of being exposed to high levels of manganese.

❑ Manganese is routinely contained in groundwater, drinking water, and soil at low levels. Drinking water containing manganese or swimming or bathing in water containing manganese may expose you to low levels of this chemical.

How can manganese affect my health?

Manganese is an essential nutrient, and eating a small amount of it each day is important to stay healthy.

The most common health problems in workers exposed to high levels of manganese involve the nervous system. These health effects include behavioral changes and other nervous system effects, which include movements that may become slow and clumsy. This combination of symptoms when sufficiently severe is referred to as "manganism". Other less severe nervous system effects such as slowed hand movements have been observed in

some workers exposed to lower concentrations in the work place.

Nervous system and reproductive effects have been observed in animals after high oral doses of manganese.

How likely is manganese to cause cancer?

The EPA concluded that existing scientific information cannot determine whether or not excess manganese can cause cancer.

How can manganese affect children?

Studies in children have suggested that extremely high levels of manganese exposure may produce undesirable effects on brain development, including changes in behavior and decreases in the ability to learn and remember. We do not know for certain that these changes were caused by manganese alone. We do not know if these changes are temporary or permanent. We do not know whether children are more sensitive than adults to the effects of manganese, but there is some indication from experiments in laboratory animals that they may be.

Studies of manganese workers have not found increases in birth defects or low birth weight in their offspring. No birth defects were observed in animals exposed to manganese.

How can families reduce the risks of exposure to manganese?

❏ Children are not likely to be exposed to harmful amounts of manganese in the diet. However, higher-than-usual amounts of manganese may be absorbed if their diet is low in iron. It is important to provide your child with a well-balanced diet.

❏ Workers exposed to high levels of airborne manganese in certain occupational settings may accumulate manganese dust on their work clothes. Manganese-contaminated work clothing should be removed before getting into your car or entering your home to help reduce the exposure hazard for yourself and your family.

Is there a medical test to determine whether I've been exposed to manganese?

Several tests are available to measure manganese in blood, urine, hair, or feces. Because manganese is normally present in our body, some is always found in tissues or fluids.

Because excess manganese is usually removed from the body within a few days, past exposures are difficult to measure with common laboratory tests.

Has the federal government made recommendations to protect human health?

The EPA has determined that exposure to manganese in drinking water at concentrations of 1 mg/L for up to 10 days is not expected to cause any adverse effects in a child.

The EPA has established that lifetime exposure to 0.3 mg/L manganese is not expected to cause any adverse effects.

The FDA has determined that the manganese concentration in bottled drinking water should not exceed 0.05 mg/L.

The Occupational Health and Safety Administration (OSHA) has established a ceiling limit (concentration that should not be exceeded at any time during exposure) of 5 mg/m^3 for manganese in workplace air.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2008. Toxicological Profile for Manganese (Draft for Public Comment). Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Environmental Medicine, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-800-232-4636, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Mercury - ToxFAQs™

What is mercury?

Mercury is a naturally occurring element with a chemical symbol of Hg. Elemental mercury is a silver liquid at room temperature that can also evaporate into the air as a gas or become a solid at very low temperatures. It can combine with other substances to form solid compounds that are categorized into two groups: inorganic mercury salts and organic mercury compounds. Mercury and mercury compounds are odorless.

Mercury is used in a number of industries and products. It is primarily used in the manufacture of electronics, fluorescent-lighting, and production of chlorine-caustic soda. It is also used in dental products (fillings), although uses in dentistry are being phased-out. Other historical uses of mercury (batteries; thermometers and other scientific and medical devices; electronic switches and lighting applications; paints and pigments; fungicides and pesticides) have been eliminated or drastically reduced.

What happens to mercury in the environment?

Because mercury is a naturally occurring element, it can be found in the air, water, or soil. It can also be found in the environment due to industrial releases to air and water. Industrial releases to air have steadily decreased over the past few decades.

Mercury does not break down in the environment. In air, mercury may spread far from where it was released. Mercury seldom appears as a silver liquid in the environment. In water, mercury can evaporate into the air. In soil, it can adhere (stick) to soil and sediments (dirt deposits at the bottom of bodies of water). One type of organic mercury compound called methylmercury can build up in plants and fish.

How can I be exposed to mercury?

Most people are exposed to organic mercury compounds (typically methylmercury) in food (such as fish, seafood, rice) or to elemental mercury from dental fillings. Food is the most common form of exposure. Most people are not exposed to inorganic mercury salts. Industrial and dental workers who use mercury are primarily exposed to elemental mercury. Some cultures use mercury in traditional medicines or religious practices, although this is not recommended or approved for use in the United States.

How can mercury affect my health?

Mercury can affect the nervous system and kidneys. The health effects from exposure to mercury depend on a number of factors including the amount and form of mercury, route and length of exposure, and age.

All forms of mercury can affect the nervous system and the kidneys. Workers exposed to elemental mercury vapor and people who eat foods with high levels of methylmercury experienced tremors, incoordination, impaired vision, impaired learning and memory, and mood changes. Some children born in communities that ate food with high levels of organic mercury had learning, sensory, and movement problems. In people exposed to high levels of methylmercury in their diets, birth defects have occurred. Some humans and animals that ate mercury compounds had high blood pressure and alterations in their immune systems. Animals that breathed elemental mercury vapor or ate organic or inorganic mercury compounds in their diets showed nervous system effects and/or kidney damage. Animals that ate high levels of mercury compounds showed decreased fertility and/or birth defects.

Mercury

Can mercury cause cancer?

Rats that ate an inorganic mercury compound for a long period of time developed stomach or thyroid cancer. Rats and mice that ate organic mercury compounds for a long period of time developed kidney cancer.

The U.S. Department of Health and Human Services (DHHS) has not evaluated the potential of mercury or mercury compounds to cause cancer in people.

The U.S. Environmental Protection Agency (EPA) has determined that mercuric chloride (inorganic mercury salt) and methylmercury (organic mercury compound) are possible human carcinogens (cause cancer). The EPA did not classify the potential of elemental mercury to cause cancer in humans.

The International Agency for Research on Cancer (IARC) classified methylmercury compounds as possibly carcinogenic to humans. IARC designated inorganic mercury and elemental mercury as not classifiable for causing cancer in humans.

Can I get a medical test to check for mercury?

Mercury can be measured in your blood, urine, hair, or toenails. However, tests cannot determine which form of mercury you were exposed to. Tests also cannot predict whether you will have health problems. If you think you have been exposed to mercury, call your doctor, nurse, or poison control center.

How can I protect myself and my family from mercury?

People should avoid eating fish that contain high levels of methylmercury. This is particularly important for pregnant women and children. Follow your state's health advisories that tell you about whether it is okay to eat fish or wildlife caught in contaminated areas. Avoid all contact with spills of the liquid form of elemental mercury (the type of mercury found in old thermometers). If a spill occurs, refer to https://www.atsdr.cdc.gov/dontmesswithmercury for safe clean-up practices. Most people don't need to take any special steps to avoid exposure to inorganic mercury salts in their daily lives. Keep children from playing in areas near hazardous waste sites to avoid coming in contact with mercury.

For more information:

Call **CDC-INFO** at 1-800-232-4636, or submit your question online at https://wwwn.cdc.gov/dcs/ContactUs/Form

Go to ATSDR's Toxicological Profile for mercury: https://wwwn.cdc.gov/TSP/ToxProfiles/ToxProfiles.aspx?id=115&tid=24

Go to ATSDR's Toxic Substances Portal: https://wwwn.cdc.gov/TSP/index.aspx

Find & contact your ATSDR Regional Representative at http://www.atsdr.cdc.gov/DRO/dro_org.html

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

METHYL *TERT*-BUTYL ETHER (MTBE) CAS # 1634-04-4

Agency for Toxic Substances and Disease Registry ToxFAQs **September 1997**

This fact sheet answers the most frequently asked health questions (FAQs) about methyl *tert*-butyl ether (MTBE). For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Methyl *tert*-butyl ether (MTBE) is a flammable liquid which is used as an additive in unleaded gasoline. Drinking or breathing MTBE may cause nausea, nose and throat irritation, and nervous system effects. MTBE has been found in at least 11 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is methyl *tert*-butyl ether?

(Pronounced měthʹəl tūrʹshē-ĕrʹē byo͞otʹl ēʹthər)

Methyl *tert*-butyl ether (MTBE) is a flammable liquid with a distinctive, disagreeable odor. It is made from blending chemicals such as isobutylene and methanol, and has been used since the 1980s as an additive for unleaded gasolines to achieve more efficient burning.

MTBE is also used to dissolve gallstones. Patients treated in this way have MTBE delivered directly to their gall bladders through special tubes that are surgically inserted.

What happens to MTBE when it enters the environment?

- MTBE quickly evaporates from open containers and surface water, so it is commonly found as a vapor in the air.
- Small amounts of MTBE may dissolve in water and get into underground water.
- It remains in underground water for a long time.
- MTBE may stick to particles in water, which will cause it to eventually settle to the bottom sediment.
- MTBE may be broken down quickly in the air by sunlight.
- MTBE does not build up significantly in plants and animals.

How might I be exposed to MTBE?

- Touching the skin or breathing contaminated air while pumping gasoline.
- Breathing exhaust fumes while driving a car.
- Breathing air near highways or in cities.
- Drinking, swimming, or showering in water that has been contaminated with MTBE.
- Receiving MTBE treatment for gallstones.

How can MTBE affect my health?

Breathing small amounts of MTBE for short periods may cause nose and throat irritation. Some people exposed to MTBE while pumping gasoline, driving their cars, or working

in gas stations have reported having headaches, nausea, dizziness, and mental confusion. However, the actual levels of exposure in these cases are unknown. In addition, these symptoms may have been caused by exposure to other chemicals.

There are no data on the effects in people of drinking MTBE. Studies with rats and mice suggest that drinking MTBE may cause gastrointestinal irritation, liver and kidney damage, and nervous system effects.

How likely is MTBE to cause cancer?

There is no evidence that MTBE causes cancer in humans. One study with rats found that breathing high levels of MTBE for long periods may cause kidney cancer. Another study with mice found that breathing high levels of MTBE for long periods may cause liver cancer.

The Department of Health and Human Services (DHHS), the International Agency for Research on Cancer (IARC), and the EPA have not classified MTBE as to its carcinogenicity.

Is there a medical test to show whether I've been exposed to MTBE?

MTBE and its breakdown product, butyl alcohol, can be detected in your breath, blood, or urine for up to 1 or 2 days after exposure. These tests aren't available at most doctors' offices, but can be done at special laboratories that have the right equipment. There is no other test specific to determining MTBE exposure.

Has the federal government made recommendations to protect human health?

The EPA has issued guidelines recommending that, to protect children, drinking water levels of MTBE not exceed 4 milligrams per liter of water (4 mg/L) for an exposure of 1-10 days, and 3 mg/L for longer-term exposures.

The American Conference of Governmental Industrial Hygienists (ACGIH) has recommended an exposure limit of 40 parts of MTBE per million parts of air (40 ppm) for an 8-hour workday, 40-hour workweek.

Glossary

Carcinogenicity: Ability to cause cancer.

CAS: Chemical Abstracts Service.

Evaporate: To change into a vapor or gas.

Milligram (mg): One thousandth of a gram.

ppm: Parts per million.

Sediment: Mud and debris that have settled to the bottom of a body of water.

References

This ToxFAQs information is taken from the 1996 Toxicological Profile for Methyl *tert*-Butyl Ether produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Polycyclic Aromatic Hydrocarbons (PAHs) - ToxFAQs™

This fact sheet answers the most frequently asked health questions (FAQs) about polycyclic aromatic hydrocarbons (PAHs). For more information, call the CDC Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to polycyclic aromatic hydrocarbons usually occurs by breathing air contaminated by wild fires or coal tar, or by eating foods that have been grilled. PAHs have been found in at least 600 of the 1,430 National Priorities List (NPL) sites identified by the Environmental Protection Agency (EPA).

What are polycyclic aromatic hydrocarbons?

(Pronounced pŏl′ĭ-sī′klĭk ăr′ə-măt′ĭk hī′drə-kar′bənz)

Polycyclic aromatic hydrocarbons (PAHs) are a group of over 100 different chemicals that are formed during the incomplete burning of coal, oil and gas, garbage, or other organic substances like tobacco or charbroiled meat. PAHs are usually found as a mixture containing two or more of these compounds, such as soot.

Some PAHs are manufactured. These pure PAHs usually exist as colorless, white, or pale yellow-green solids. PAHs are found in coal tar, crude oil, creosote, and roofing tar, but a few are used in medicines or to make dyes, plastics, and pesticides.

What happens to PAHs when they enter the environment?

- PAHs enter the air mostly as releases from volcanoes, forest fires, burning coal, and automobile exhaust.
- PAHs can occur in air attached to dust particles.
- Some PAH particles can readily evaporate into the air from soil or surface waters.
- PAHs can break down by reacting with sunlight and other chemicals in the air, over a period of days to weeks.
- PAHs enter water through discharges from industrial and wastewater treatment plants.
- Most PAHs do not dissolve easily in water. They stick to solid particles and settle to the bottoms of lakes or rivers.
- Microorganisms can break down PAHs in soil or water after a period of weeks to months.
- In soils, PAHs are most likely to stick tightly to particles; certain PAHs move through soil to contaminate underground water.
- PAH contents of plants and animals may be much higher than PAH contents of soil or water in which they live.

How might I be exposed to PAHs?

- Breathing air containing PAHs in the workplace of coking, coal-tar, and asphalt production plants; smokehouses; and municipal trash incineration facilities.
- Breathing air containing PAHs from cigarette smoke, wood smoke, vehicle exhausts, asphalt roads, or agricultural burn smoke.
- Coming in contact with air, water, or soil near hazardous waste sites.
- Eating grilled or charred meats; contaminated cereals, flour, bread, vegetables, fruits, meats; and processed or pickled foods.
- Drinking contaminated water or cow's milk.
- Nursing infants of mothers living near hazardous waste sites may be exposed to PAHs through their mother's milk.

Polycyclic Aromatic Hydrocarbons

How can PAHs affect my health?

Mice that were fed high levels of one PAH during pregnancy had difficulty reproducing and so did their offspring. These offspring also had higher rates of birth defects and lower body weights. It is not known whether these effects occur in people.

Animal studies have also shown that PAHs can cause harmful effects on the skin, body fluids, and ability to fight disease after both short- and long-term exposure. But these effects have not been seen in people.

How likely are PAHs to cause cancer?

The Department of Health and Human Services (DHHS) has determined that some PAHs may reasonably be expected to be carcinogens.

Some people who have breathed or touched mixtures of PAHs and other chemicals for long periods of time have developed cancer. Some PAHs have caused cancer in laboratory animals when they breathed air containing them (lung cancer), ingested them in food (stomach cancer), or had them applied to their skin (skin cancer).

Is there a medical test to show whether I've been exposed to PAHs?

In the body, PAHs are changed into chemicals that can attach to substances within the body. There are special tests that can detect PAHs attached to these substances in body tissues or blood. However, these tests cannot tell whether any health effects will occur or find out the extent or source of your exposure to the PAHs. The tests aren't usually available in your doctor's office because special equipment is needed to conduct them.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) has set a limit of 0.2 milligrams of PAHs per cubic meter of air (0.2 mg/m^3). The OSHA Permissible Exposure Limit (PEL) for mineral oil mist that contains PAHs is 5 mg/m^3 averaged over an 8-hour exposure period.

The National Institute for Occupational Safety and Health (NIOSH) recommends that the average workplace air levels for coal tar products not exceed 0.1 mg/m^3 for a 10-hour workday, within a 40-hour workweek. There are other limits for workplace exposure for things that contain PAHs, such as coal, coal tar, and mineral oil.

Glossary

Carcinogen: A substance that can cause cancer.

Ingest: Take food or drink into your body.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for polycyclic aromatic hydrocarbons. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information?

For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Human Health Sciences, 1600 Clifton Road NE, Mailstop F-57, Atlanta, GA 30329-4027.

Phone: 1-800-232-4636.

ToxFAQs™ Internet address via WWW is http://www.atsdr.cdc.gov/toxfaqs/index.asp.

ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Tetrachloroethylene - ToxFAQs™

CAS # 127-18-4

This fact sheet answers the most frequently asked health questions (FAQs) about tetrachloroethylene. For more information, call the ATSDR Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Tetrachloroethylene is a manufactured chemical used for dry cleaning and metal degreasing and in the aerospace industry. Exposure to very high concentrations of tetrachloroethylene can cause dizziness headaches, sleepiness, incoordination confusion, nausea, unconsciousness, and even death. Tetrachloroethylene has been found in at least 949 of the 1,854 National Priorities List sites identified by U.S. Environmental Protection Agency (EPA).

What is tetrachloroethylene?

Tetrachloroethylene is a nonflammable colorless liquid. Other names for tetrachloroethylene include perchloroethylene, PCE, perc, tetrachloroethene, and perchlor. Most people can smell tetrachloroethylene when it is present in the air at a level of 1 part in 1 million parts of air (1 ppm) or more.

Tetrachloroethylene is used as a dry cleaning agent and metal degreasing solvent. It is also used as a starting material (building block) for making other chemicals and is used in some consumer products.

What happens to tetrachloroethylene when it enters the environment?

- Tetrachloroethylene can be released into air, water, and soil at places where it is produced or used.
- Tetrachloroethylene breaks down very slowly in the air and so it can be transported long distances in the air. Half of the amount in the air will degrade in approximately 100 days.
- Tetrachloroethylene evaporates quickly from water into air. It is generally slow to break down in water.
- Tetrachloroethylene may evaporate quickly from shallow soils or may filter through the soil and into the groundwater below. It is generally slow to break down in soil.

How might I be exposed to tetrachloroethylene?

- When you bring clothes from the dry cleaners, they will release small amounts of tetrachloroethylene into the air.
- When you drink water containing tetrachloroethylene, you are exposed to it. You might also be exposed to tetrachloroethylene that is released into the air during showering and bathing.
- People residing near contaminated sites or dry cleaning locations may be exposed to higher levels than the general population.
- People working in the dry cleaning industries or using metal degreasing products may be exposed to elevated levels of tetrachloroethylene.

How can tetrachloroethylene affect my health?

Breathing high levels of tetrachloroethylene for a brief period may cause dizziness or drowsiness, headache, and incoordination; higher levels may cause unconsciousness and even death.

Exposure for longer periods to low levels of tetrachloroethylene may cause changes in mood, memory, attention, reaction time, and vision.

Studies in animals exposed to tetrachloroethylene have shown liver and kidney effects, and changes in brain chemistry, but we do not know what these findings mean for humans.

Tetrachloroethylene

CAS # 127-18-4

How likely is tetrachloroethylene to cause cancer?

Studies in humans suggest that exposure to tetrachloroethylene might lead to a higher risk of getting bladder cancer, multiple myeloma, or non-Hodgkin's lymphoma.

In animals, tetrachloroethylene has been shown to cause cancers of the liver, kidney, and blood system.

The Department of Health and Human Services (DHHS) considers tetrachloroethylene to be reasonably anticipated to be a human carcinogen. EPA considers tetrachloroethylene likely to be carcinogenic to humans by all routes of exposure. The International Agency for Research on Cancer (IARC) considers tetrachloroethylene probably carcinogenic to humans.

How can tetrachloroethylene affect children?

It is not known whether children are more susceptible than adults to the effects of tetrachloroethylene.

A few studies in humans have suggested that exposure to tetrachloroethylene increased the numbers of babies with birth defects, but these studies were not large enough to clearly answer the question. Studies in animals exposed by inhalation or stomach tube have not shown clear evidence of specific birth defects.

How can families reduce the risk of exposure to tetrachloroethylene?

- Tetrachloroethylene has been found in low levels in some food. You can minimize the risk of your family's exposure by peeling and thoroughly washing fruits and vegetables before cooking.
- Use bottled water if you have concerns about the presence of tetrachloroethylene in your tap water. You may also contact local drinking water authorities and follow their advice.
- Prevent children from playing in dirt or eating dirt if you live near a waste site that has tetrachloroethylene.
- Tetrachloroethylene is widely used as a scouring solvent that removes oils from fabrics, as a carrier solvent, as a fabric finish or water repellant, and as a metal degreaser/cleaner. Follow instructions on product labels to minimize exposure to tetrachloroethylene.

Is there a medical test to determine whether I've been exposed to tetrachloroethylene?

Tetrachloroethylene and its breakdown products (metabolites) can be measured in blood and urine. However, the detection of tetrachloroethylene or its metabolites cannot predict the kind of health effects that might develop from that exposure. Because tetrachloroethylene and its metabolites leave the body fairly rapidly, the tests need to be conducted within days after exposure.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) has set an 8-hour time weighted average permissible exposure limit of 100 ppm, an acceptable ceiling exposure limit of 200 ppm, and a maximum peak of 300 ppm (not to be exceeded for more than 5 minutes of any 3-hour period).

The National Institute for Occupational Safety and Health (NIOSH) recommends that workplace exposure to tetrachloroethylene be minimized due to concerns about its carcinogenicity.

Reference

This ToxFAQs™ information is taken from the 2019 Toxicological Profile for Tetrachloroethylene produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information?

For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Human Health Sciences, 1600 Clifton Road NE, Mailstop F-57, Atlanta, GA 30329-4027.

Phone: 1-800-232-4636

ToxFAQs™ on the web: www.atsdr.cdc.gov/ToxFAQs

ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Toluene - ToxFAQs™

What is toluene?

Toluene is a clear, colorless liquid with a distinctive smell. It occurs naturally in crude oil and in the tolú tree. Toluene is produced in the process of making gasoline and other fuels from crude oil and in making coke from coal.

Toluene is a good solvent (a substance that can dissolve other substances). It is used in making paints, paint thinners, fingernail polish, lacquers, adhesives, and rubber and in some printing and leather tanning processes. Toluene is also used in the manufacture of other chemicals, nylon, and plastics. It is also added to gasoline along with benzene and xylene to improve octane ratings.

What happens to toluene in the environment?

Toluene can enter the air from car exhaust or when materials that contain it (such as paints or fingernail polish) are used. It can get into surface waters (like lakes and streams), groundwater, or soil if solvents or petroleum products are accidently spilled, or from leaking underground storage tanks at gasoline stations and other facilities. When toluene-containing products are placed in landfills or waste disposal sites, toluene can enter the soil or water near the waste site.

Toluene does not usually stay in the environment long. In surface water or soil, it will readily evaporate into the air or be degraded by bacteria. In the air, toluene rapidly breaks down by reacting with other chemicals or oxygen in the air. Below the surface, microorganisms will break down toluene.

How can I be exposed to toluene?

You may be exposed to toluene by breathing contaminated air or touching products that contain this chemical. Car exhaust contains toluene; therefore, if you spend time in or near vehicles or traffic, you may be exposed to this chemical. People who work with gasoline, paint, or dyes may be exposed to higher levels of toluene than most people.

Toluene is not frequently detected in drinking water or food. People that abuse (inhale) certain products such as glue or paint thinner can be exposed to toluene.

How can toluene affect my health?

Toluene may affect the nervous system. Low to moderate levels can cause headaches, dizziness, tiredness, confusion, weakness, drunken-type actions, memory loss, nausea, and loss of appetite. These symptoms usually disappear when exposure stops.

Toluene can be found in gasoline products, paints, stain removers, and fingernail polish. Breathing toluene can cause headaches, dizziness, and nausea.

Long-term daily exposure to toluene in the workplace may cause some hearing and color vision loss. Repeatedly breathing toluene from glue or paint thinners may permanently damage the brain.

Exposure to high levels of toluene during pregnancy, such as those associated with solvent abuse, may lead to developmental effects, such as reduced mental abilities and growth in children.

In animal studies, the effects of toluene were similar to those seen in humans. In addition, it was found that animals that drank toluene also had decreased immune responses.

Toluene

Can toluene cause cancer?

Studies in workers and animals exposed to toluene generally show that toluene does not cause cancer.

The U.S. Department of Health and Human Services (DHHS) has not evaluated the carcinogenicity (ability to cause cancer) of toluene.

The U.S. Environmental Protection Agency (EPA) has determined that there is inadequate information to assess the carcinogenicity of toluene.

The International Agency for Research on Cancer (IARC) has determined that toluene is not classifiable as to its carcinogenicity in humans.

Can I get a medical test to check for toluene?

Toluene and its breakdown products can be measured in blood and urine. These tests are only useful if done within several days after exposure. These tests cannot predict whether you will have health problem from exposure to toluene.

How can I protect myself and my family from toluene?

To reduce exposure to toluene, you should use products that contain it (such as paints, nail polish, glues, inks, and stain removers) in well-ventilated areas. When not in use, these products should be tightly covered to prevent evaporation into the air and, if possible, stored in a shed or an outside location. Always store household chemicals in their original labeled containers.

Have your tap water tested if you are concerned it may have toluene and, if necessary, take steps to protect yourself. Keep children from eating or playing in the dirt if you live near a waste site.

Sometimes, older children sniff household chemicals in an attempt to get high. Talk with children about the dangers of sniffing chemicals.

For more information:

Call **CDC-INFO** at 1-800-232-4636, or submit your question online at https://wwwn.cdc.gov/dcs/ContactUs/Form

Go to ATSDR's Toxicological Profile for Toluene: https://wwwn.cdc.gov/TSP/ToxProfiles/ToxProfiles.aspx?id=161&tid=29

Go to ATSDR's Toxic Substances Portal: https://wwwn.cdc.gov/TSP/index.aspx

Find & contact your ATSDR Regional Representative at http://www.atsdr.cdc.gov/DRO/dro_org.html

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

NICKEL

CAS # 7440-02-0

Division of Toxicology ToxFAQs™ **August 2005**

This fact sheet answers the most frequently asked health questions (FAQs) about nickel. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Nickel is a naturally occurring element. Pure nickel is a hard, silvery-white metal used to make stainless steel and other metal alloys. Skin effects are the most common effects in people who are sensitive to nickel. Workers who breathed very large amounts of nickel compounds developed chronic bronchitis and lung and nasal sinus cancers. Nickel has been found in at least 882 of the 1,662 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is nickel?

Nickel is a very abundant natural element. Pure nickel is a hard, silvery-white metal. Nickel can be combined with other metals, such as iron, copper, chromium, and zinc, to form alloys. These alloys are used to make coins, jewelry, and items such as valves and heat exchangers. Most nickel is used to make stainless steel.

Nickel can combine with other elements such as chlorine, sulfur, and oxygen to form nickel compounds. Many nickel compounds dissolve fairly easy in water and have a green color. Nickel compounds are used for nickel plating, to color ceramics, to make some batteries, and as substances known as catalysts that increase the rate of chemical reactions. Nickel is found in all soil and is emitted from volcanoes. Nickel is also found in meteorites and on the ocean floor. Nickel and its compounds have no characteristic odor or taste.

What happens to nickel when it enters the environment?

❏ Nickel is released into the atmosphere by industries that make or use nickel, nickel alloys, or nickel compounds. It is also released into the atmosphere by oil-burning power plants, coal-burning power plants, and trash incinerators.

❏ In the air, it attaches to small particles of dust that settle to the ground or are taken out of the air in rain or snow; this usually takes many days.

❏ Nickel released in industrial waste water ends up in soil or sediment where it strongly attaches to particles containing iron or manganese.

❏ Nickel does not appear to accumulate in fish or in other animals used as food.

How might I be exposed to nickel?

❏ By eating food containing nickel, which is the major source of exposure for most people.

❏ By skin contact with soil, bath or shower water, or metals containing nickel, as well as by handling coins or touching jewelry containing nickel.

❏ By drinking water that contains small amounts of nickel.

❏ By breathing air or smoking tobacco containing nickel.

❏ Higher exposure may occur if you work in industries that process or use nickel.

How can nickel affect my health?

The most common harmful health effect of nickel in humans is an allergic reaction. Approximately 10-20% of the population is sensitive to nickel. People can become sensitive to nickel when jewelry or other things containing it are in direct contact with the skin for a long time. Once a person is sensitized to nickel, further contact with the metal may produce a reaction. The most common reaction is a skin rash at the site of contact. The skin rash may also

occur at a site away from the site of contact. Less frequently, some people who are sensitive to nickel have asthma attacks following exposure to nickel. Some sensitized people react when they consume food or water containing nickel or breathe dust containing it.

People working in nickel refineries or nickel-processing plants have experienced chronic bronchitis and reduced lung function. These persons breathed amounts of nickel much higher than levels found normally in the environment.

Workers who drank water containing high amounts of nickel had stomach ache and suffered adverse effects to their blood and kidneys.

Damage to the lung and nasal cavity has been observed in rats and mice breathing nickel compounds. Eating or drinking large amounts of nickel has caused lung disease in dogs and rats and has affected the stomach, blood, liver, kidneys, and immune system in rats and mice, as well as their reproduction and development.

How likely is nickel to cause cancer?

Cancers of the lung and nasal sinus have resulted when workers breathed dust containing high levels of nickel compounds while working in nickel refineries or nickel processing plants. The Department of Health and Human Services (DHHS) has determined that nickel metal may reasonably be anticipated to be a carcinogen and that nickel compounds are known human carcinogens. The International Agency for Research on Cancer (IARC) has determined that some nickel compounds are carcinogenic to humans and that metallic nickel may possibly be carcinogenic to humans. The EPA has determined that nickel refinery dust and nickel subsulfide are human carcinogens.

How can nickel affect children?

It is likely that the health effects seen in children exposed to nickel will be similar to those seen in adults. We do not know whether children differ from adults in their susceptibility to nickel. Human studies that examined whether nickel can harm the fetus are inconclusive. Animal studies have found increases in newborn deaths and decreased newborn weight after ingesting very high amounts of nickel. Nickel can be transferred from the mother to an infant in breast milk and can cross the placenta.

How can families reduce the risks of exposure to nickel?

❑ Avoiding jewelry containing nickel will eliminate risks of exposure to this source of the metal.

❑ Exposures of the general population from other sources, such as foods and drinking water, are almost always too low to be of concern.

Is there a medical test to determine whether I've been exposed to nickel?

There are tests available to measure nickel in your blood, feces, and urine. More nickel was measured in the urine of workers who were exposed to nickel compounds that dissolve easily in water than in the urine of workers exposed to nickel compounds that are hard to dissolve. This means that it is easier to tell if you have been exposed to soluble nickel compounds than less-soluble compounds. The nickel measurements do not accurately predict potential health effects from exposure to nickel.

Has the federal government made recommendations to protect human health?

The EPA recommends that drinking water should contain no more than 0.1 milligrams of nickel per liter of water (0.1 mg/L). To protect workers, the Occupational Safety and Health Administration (OSHA) has set a limit of 1 mg of nickel per cubic meter of air (1 mg/m^3) for metallic nickel and nickel compounds in workplace air during an 8-hour workday, 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2005. Toxicological Profile for Nickel (Update). Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Trichloroethylene - ToxFAQs™

CAS # 79-01-6

This fact sheet answers the most frequently asked health questions (FAQs) about trichloroethylene. For more information, call the ATSDR Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Trichloroethylene is used as a solvent for cleaning metal parts. Exposure to very high concentrations of trichloroethylene can cause dizziness headaches, sleepiness, incoordination, confusion, nausea, unconsciousness, and even death. Trichloroethylene has been found in at least 1,051 of the 1,854 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is trichloroethylene?

Trichloroethylene is a colorless, volatile liquid. Liquid trichloroethylene evaporates quickly into the air. It is nonflammable and has a sweet odor.

The two major uses of trichloroethylene are as a solvent to remove grease from metal parts and as a chemical that is used to make other chemicals, especially the refrigerant, HFC-134a.

What happens to trichloroethylene when it enters the environment?

- Trichloroethylene can be released to air, water, and soil at places where it is produced or used.
- Trichloroethylene is broken down quickly in air.
- Trichloroethylene breaks down very slowly in soil and water and is removed mostly through evaporation to air.
- It is expected to remain in groundwater for long time since it is not able to evaporate.
- Trichloroethylene does not build up significantly in plants or animals.

How might I be exposed to trichloroethylene?

- Breathing trichloroethylene in contaminated air.
- Drinking contaminated water.
- Workers at facilities using this substance for metal degreasing are exposed to higher levels of trichloroethylene.
- If you live near such a facility or near a hazardous waste site containing trichloroethylene, you may also have higher exposure to this substance.

How can trichloroethylene affect my health?

Trichloroethylene was once used as an anesthetic for surgery. Exposure to moderate amounts of trichloroethylene may cause headaches, dizziness, and sleepiness; large amounts may cause coma and even death. Eating or breathing high levels of trichloroethylene may damage some of the nerves in the face. Exposure to high levels can also result in changes in the rhythm of the heartbeat, liver damage, and evidence of kidney damage. Skin contact with concentrated solutions of trichloroethylene can cause skin rashes. There is some evidence exposure to trichloroethylene in the work place may cause scleroderma (a systemic autoimmune disease) in some people. Some men occupationally-exposed to trichloroethylene and other chemicals showed decreases in sex drive, sperm quality, and reproductive hormone levels.

How likely is trichloroethylene to cause cancer?

There is strong evidence that trichloroethylene can cause kidney cancer in people and some evidence for trichloroethylene-induced liver cancer and malignant lymphoma. Lifetime exposure to trichloroethylene resulted in increased liver cancer in mice and increased kidney cancer and testicular cancer in rats.

The Department of Health and Human Services (DHHS) considers trichloroethylene to be a known human carcinogen. The International Agency for Research on Cancer (IARC) classified trichloroethylene as carcinogenic to humans. The EPA has characterized trichloroethylene as carcinogenic to humans by all routes of exposure.

Trichloroethylene

CAS # 79-01-6

How can trichloroethylene affect children?

It is not known whether children are more susceptible than adults to the effects of trichloroethylene.

Some human studies indicate that trichloroethylene may cause developmental effects such as spontaneous abortion, congenital heart defects, central nervous system defects, and small birth weight. However, these people were exposed to other chemicals as well.

In some animal studies, exposure to trichloroethylene during development caused decreases in body weight, increases in heart defects, changes to the developing nervous system, and effects on the immune system.

How can families reduce the risk of exposure to trichloroethylene?

- Avoid drinking water from sources that are known to be contaminated with trichloroethylene. Use bottled water if you have concerns about the presence of chemicals in your tap water. You may also contact local drinking water authorities and follow their advice.
- Prevent children from playing in dirt or eating dirt if you live near a waste site that has trichloroethylene.
- Trichloroethylene is used in many industrial products. Follow instructions on product labels to minimize exposure to trichloroethylene.

Is there a medical test to determine whether I've been exposed to trichloroethylene?

Trichloroethylene and its breakdown products (metabolites) can be measured in blood and urine. However, the detection of trichloroethylene or its metabolites cannot predict the kind of health effects that might develop from that exposure. Because trichloroethylene and its metabolites leave the body fairly rapidly, the tests need to be conducted within days after exposure.

Has the federal government made recommendations to protect human health?

The EPA set a maximum contaminant goal (MCL) of 0.005 milligrams per liter (mg/L; 5 ppb) as a national primary drinking standard for trichloroethylene.

The Occupational Safety and Health Administration (OSHA) set a permissible exposure limit (PEL) of 100 ppm for trichloroethylene in air averaged over an 8-hour work day, an acceptable ceiling concentration of 200 ppm provided the 8 hour PEL is not exceeded, and an acceptable maximum peak of 300 ppm for a maximum duration of 5 minutes in any 2 hours.

The National Institute for Occupational Safety and Health (NIOSH) considers trichloroethylene to be a potential occupational carcinogen and established a recommended exposure limit (REL) of 2 ppm (as a 60-minute ceiling) during its use as an anesthetic agent and 25 ppm (as a 10-hour TWA) during all other exposures.

Reference

This ToxFAQs™ information is taken from the 2019 Toxicological Profile for Trichloroethylene produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information?

For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Human Health Sciences, 1600 Clifton Road NE, Mailstop F-57, Atlanta, GA 30329-4027.

Phone: 1-800-232-4636

ToxFAQs™ on the web: www.atsdr.cdc.gov/ToxFAQs

ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

XYLENE
CAS # 1330-20-7

This fact sheet answers the most frequently asked health questions (FAQs) about xylene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to xylene occurs in the workplace and when you use paint, gasoline, paint thinners and other products that contain it. People who breathe high levels may have dizziness, confusion, and a change in their sense of balance. This substance has been found in at least 658 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is xylene?

(Pronounced zī′lēn)

Xylene is a colorless, sweet-smelling liquid that catches on fire easily. It occurs naturally in petroleum and coal tar and is formed during forest fires. You can smell xylene in air at 0.08–3.7 parts of xylene per million parts of air (ppm) and begin to taste it in water at 0.53–1.8 ppm.

Chemical industries produce xylene from petroleum. It's one of the top 30 chemicals produced in the United States in terms of volume.

Xylene is used as a solvent and in the printing, rubber, and leather industries. It is also used as a cleaning agent, a thinner for paint, and in paints and varnishes. It is found in small amounts in airplane fuel and gasoline.

What happens to xylene when it enters the environment?

- Xylene has been found in waste sites and landfills when discarded as used solvent, or in varnish, paint, or paint thinners.
- It evaporates quickly from the soil and surface water into the air.
- In the air, it is broken down by sunlight into other less harmful chemicals.
- It is broken down by microorganisms in soil and water.
- Only a small amount of it builds up in fish, shellfish, plants, and animals living in xylene-contaminated water.

How might I be exposed to xylene?

- Breathing xylene in workplace air or in automobile exhaust.
- Breathing contaminated air.
- Touching gasoline, paint, paint removers, varnish, shellac, and rust preventatives that contain it.
- Breathing cigarette smoke that has small amounts of xylene in it.
- Drinking contaminated water or breathing air near waste sites and landfills that contain xylene.
- The amount of xylene in food is likely to be low.

How can xylene affect my health?

Xylene affects the brain. High levels from exposure for short periods (14 days or less) or long periods (more than 1 year) can cause headaches, lack of muscle coordination, dizziness, confusion, and changes in one's sense of balance. Exposure of

people to high levels of xylene for short periods can also cause irritation of the skin, eyes, nose, and throat; difficulty in breathing; problems with the lungs; delayed reaction time; memory difficulties; stomach discomfort; and possibly changes in the liver and kidneys. It can cause unconsciousness and even death at very high levels.

Studies of unborn animals indicate that high concentrations of xylene may cause increased numbers of deaths, and delayed growth and development. In many instances, these same concentrations also cause damage to the mothers. We do not know if xylene harms the unborn child if the mother is exposed to low levels of xylene during pregnancy.

How likely is xylene to cause cancer?

The International Agency for Research on Cancer (IARC) has determined that xylene is not classifiable as to its carcinogenicity in humans.

Human and animal studies have not shown xylene to be carcinogenic, but these studies are not conclusive and do not provide enough information to conclude that xylene does not cause cancer.

Is there a medical test to show whether I've been exposed to xylene?

Laboratory tests can detect xylene or its breakdown products in exhaled air, blood, or urine. There is a high degree of agreement between the levels of exposure to xylene and the levels of xylene breakdown products in the urine. However, a urine sample must be provided very soon after exposure ends because xylene quickly leaves the body. These tests are not routinely available at your doctor's office.

Has the federal government made recommendations to protect human health?

The EPA has set a limit of 10 ppm of xylene in drinking water.

The EPA requires that spills or accidental releases of xylenes into the environment of 1,000 pounds or more must be reported.

The Occupational Safety and Health Administration (OSHA) has set a maximum level of 100 ppm xylene in workplace air for an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) and the American Conference of Governmental Industrial Hygienists (ACGIH) also recommend exposure limits of 100 ppm in workplace air.

NIOSH has recommended that 900 ppm of xylene be considered immediately dangerous to life or health. This is the exposure level of a chemical that is likely to cause permanent health problems or death.

Glossary

Evaporate: To change from a liquid into a vapor or a gas.

Carcinogenic: Having the ability to cause cancer.

CAS: Chemical Abstracts Service.

ppm: Parts per million.

Solvent: A liquid that can dissolve other substances.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for xylenes (update). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ZINC
CAS # 7440-66-6

Division of Toxicology ToxFAQs™ **August 2005**

This fact sheet answers the most frequently asked health questions (FAQs) about zinc. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Zinc is a naturally occurring element. Exposure to high levels of zinc occurs mostly from eating food, drinking water, or breathing workplace air that is contaminated. Low levels of zinc are essential for maintaining good health. Exposure to large amounts of zinc can be harmful. It can cause stomach cramps, anemia, and changes in cholesterol levels. Zinc has been found in at least 985 of the 1,662 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is zinc?

Zinc is one of the most common elements in the earth's crust. It is found in air, soil, and water, and is present in all foods. Pure zinc is a bluish-white shiny metal.

Zinc has many commercial uses as coatings to prevent rust, in dry cell batteries, and mixed with other metals to make alloys like brass, and bronze. A zinc and copper alloy is used to make pennies in the United States.

Zinc combines with other elements to form zinc compounds. Common zinc compounds found at hazardous waste sites include zinc chloride, zinc oxide, zinc sulfate, and zinc sulfide. Zinc compounds are widely used in industry to make paint, rubber, dyes, wood preservatives, and ointments.

What happens to zinc when it enters the environment?

❏ Some is released into the environment by natural processes, but most comes from human activities like mining, steel production, coal burning, and burning of waste.
❏ It attaches to soil, sediments, and dust particles in the air.
❏ Rain and snow remove zinc dust particles from the air.
❏ Depending on the type of soil, some zinc compounds can move into the groundwater and into lakes, streams, and rivers.
❏ Most of the zinc in soil stays bound to soil particles and does not dissolve in water.
❏ It builds up in fish and other organisms, but it does not build up in plants.

How might I be exposed to zinc?

❏ Ingesting small amounts present in your food and water.
❏ Drinking contaminated water or a beverage that has been stored in metal containers or flows through pipes that have been coated with zinc to resist rust.
❏ Eating too many dietary supplements that contain zinc.
❏ Working on any of the following jobs: construction, painting, automobile mechanics, mining, smelting, and welding; manufacture of brass, bronze, or other zinc-containing alloys; manufacture of galvanized metals; and manufacture of machine parts, rubber, paint, linoleum, oilcloths, batteries, some kind of glass, ceramics, and dyes.

How can zinc affect my health?

Zinc is an essential element in our diet. Too little zinc can cause problems, but too much zinc is also harmful.

Harmful effects generally begin at levels 10-15 times higher than the amount needed for good health. Large doses taken by mouth even for a short time can cause stomach cramps, nausea, and vomiting. Taken longer, it can cause anemia and decrease the levels of your good cholesterol. We do not know if high levels of zinc affect reproduction in humans. Rats that were fed large amounts of zinc became infertile.

Inhaling large amounts of zinc (as dusts or fumes) can cause a specific short-term disease called metal fume fever. We do not know the long-term effects of breathing high levels of zinc.

Putting low levels of zinc acetate and zinc chloride on the skin of rabbits, guinea pigs, and mice caused skin irritation. Skin irritation will probably occur in people.

How likely is zinc to cause cancer?

The Department of Health and Human Services (DHHS) and the International Agency for Research on Cancer (IARC) have not classified zinc for carcinogenicity. Based on incomplete information from human and animal studies, the EPA has determined that zinc is not classifiable as to its human carcinogenicity.

How can zinc affect children?

Zinc is essential for proper growth and development of young children. It is likely that children exposed to very high levels of zinc will have similar effects as adults. We do not know whether children are more susceptible to the effects of excessive intake of zinc than the adults.

We do not know if excess zinc can cause developmental effects in humans. Animal studies have found decreased weight in the offspring of animals that ingested very high amounts of zinc.

How can families reduce the risks of exposure to zinc?

❑ Children living near waste sites that contain zinc may be exposed to higher levels of zinc through breathing contaminated air, drinking contaminated drinking water, touching or eating contaminated soil.

❑ Discourage your children from eating soil or putting their hands in their mouths and teach them to wash their hands frequently and before eating.

❑ If you use medicines or vitamin supplements containing zinc, make sure you use them appropriately and keep them out of the reach of children.

Is there a medical test to determine whether I've been exposed to zinc?

There are tests available to measure zinc in your blood, urine, hair, saliva, and feces. These tests are not usually done in the doctor's office because they require special equipment. High levels of zinc in the feces can mean high recent zinc exposure. High levels of zinc in the blood can mean high zinc consumption and/or high exposure. Tests to measure zinc in hair may provide information on long-term zinc exposure; however, the relationship between levels in your hair and the amount of zinc you were exposed to is not clear.

Has the federal government made recommendations to protect human health?

The EPA recommends that drinking water should contain no more than 5 milligrams per liter of water (5 mg/L) because of taste. The EPA requires that any release of 1,000 pounds (or in some cases 5,000 pounds) into the environment be reported to the agency.

To protect workers, the Occupational Safety and Health Administration (OSHA) has set an average limit of 1 mg/m^3 for zinc chloride fumes and 5 mg/m^3 for zinc oxide (dusts and fumes) in workplace air during an 8-hour workday, 40-hour workweek.

Similarly, the National Institute for Occupational Safety and Health (NIOSH) has set the same standards for up to a 10-hour workday over a 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2005. Toxicological Profile for Zinc (Update). Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATTACHMENT B
REPORT FORMS

WEEKLY SAFETY REPORT FORM

Week Ending: _____ Project Name/Number: 350 Grand Concourse

Report Date: _____ Project Manager Name: Kenneth Wiles

Summary of any violations of procedures occurring that week:

Summary of any job related injuries, illnesses, or near misses that week:

Summary of air monitoring data that week (include and sample analyses, action levels exceeded, and actions taken):

Comments:

Name: _____ Company: _____

Signature: _____ Title: _____

INCIDENT REPORT FORM

Date of Report: _____

Injured: _____

Employer: _____

Site: 350 Grand Concourse Site Location: 350 Grand Concourse, Bronx, New York

Report Prepared By: _____ _____
Signature Title

ACCIDENT/INCIDENT CATEGORY (check all that applies)

___Injury	___ Illness	___ Near Miss
__ Property Damage	___ Fire	___ Chemical Exposure
__ On-site Equipment	___ Motor Vehicle	___ Electrical
__ Mechanical	___ Spill	___ Other

DATE AND TIME OF ACCIDENT/INCIDENT: Narrative report of accident/incident: Identify: 1) actions leading to or contributing to the accident/incident; 2) the accident/incident occurrence; and 3) actions following the accident/incident.

_____

_____

_____

_____

_____

_____

_____

_____

_____

WITNESS TO ACCIDENT/INCIDENT:

Name:	_____	Company:	_____
Address:	_____	Address:	_____
Phone No.:	_____	Phone No.:	_____
Name:	_____	Company:	_____
Address:	_____	Address:	_____
Phone No.:	_____	Phone No.:	_____

INJURED - ILL:

Name: _____ SSN: _____

Address: _____ Age: _____

Length of Service: _____ Time on Present Job: _____

Time/Classification: _____

SEVERITY OF INJURY OR ILLNESS:

____ Disabling ___ Non-disabling ___ Fatality

____ Medical Treatment ___ First Aid Only

ESTIMATED NUMBER OF DAYS AWAY FROM JOB: _____

NATURE OF INJURY OR ILLNESS: _____

_____

_____

_____

CLASSIFICATION OF INJURY:

__ Abrasions _____ Dislocations ____ Punctures

__ Bites _____ Faint/Dizziness ____ Radiation Burns

__ Blisters _____ Fractures ____ Respiratory Allergy

__ Bruises _____ Frostbite ____ Sprains

__ Chemical Burns _____ Heat Burns ____ Toxic Resp. Exposure

__ Cold Exposure _____ Heat Exhaustion ____ Toxic Ingestion

__ Concussion _____ Heat Stroke ____ Dermal Allergy

__ Lacerations

Part of Body Affected: _____

Degree of Disability: _____

Date Medical Care was Received: _____

Where Medical Care was Received: _____

Address (if off-site): _____

(If two or more injuries, record on separate sheets)

PROPERTY DAMAGE:

Description of Damage: _____

_____

Cost of Damage: $ _____

ACCIDENT/INCIDENT LOCATION: _____

ACCIDENT/INCIDENT ANALYSIS: Causative agent most directly related to accident/incident (Object, substance, material, machinery, equipment, conditions)

_____

_____

_____

_____

Was weather a factor?:_____

_____

Unsafe mechanical/physical/environmental condition at time of accident/incident (Be specific):

_____

_____

_____

Personal factors (Attitude, knowledge or skill, reaction time, fatigue):

_____

_____

ON-SITE ACCIDENTS/INCIDENTS:

Level of personal protection equipment required in Site Safety Plan:

_____

_____

Modifications:

_____

Was injured using required equipment?:

_____

_____

If not, how did actual equipment use differ from plan?:

_____

_____

ACTION TAKEN TO PREVENT RECURRENCE: (Be specific. What has or will be done? When will it be done? Who is the responsible party to insure that the correction is made?

_____

_____

_____

_____

_____

ACCIDENT/INCIDENT REPORT REVIEWED BY:

_____ _____

SSO Name Printed SSO Signature

OTHERS PARTICIPATING IN INVESTIGATION:

_____ _____

Signature Title

_____ _____

Signature Title

_____ _____

Signature Title

ACCIDENT/INCIDENT FOLLOW-UP: Date: _____

Outcome of accident/incident: _____

_____

_____

_____

Physician's recommendations: _____

_____

_____

_____

Date injured returned to work: _____

Follow-up performed by:

_____ _____

Signature Title

ATTACH ANY ADDITIONAL INFORMATION TO THIS FORM

ATTACHMENT C
EMERGENCY HAND SIGNALS

EMERGENCY SIGNALS

In most cases, field personnel will carry mobile cell phones. If this is the case, a call, text message, or other notification that indicates an emergency will take priority over all other calls, texts, or notifications.

Where cell phone communications is not available, the following air-horn and/or hand signals will be used:

EMERGENCY HAND SIGNALS

OUT OF AIR, CAN'T BREATH!

Hand gripping throat

LEAVE AREA IMMEDIATELY, NO DEBATE!

(No Picture) Grip partner's wrist or place both hands around waist

NEED ASSISTANCE!

Hands on top of head

OKAY! – I'M ALL RIGHT!

- I UNDERSTAND!

Thumbs up

NO! - NEGATIVE!

Thumbs down

APPENDIX L
QUALITY ASSURANCE PROJECT PLAN

350 RISING

350 GRAND CONCOURSE
BRONX, NEW YORK

Quality Assurance Project Plan

for Remedial Action Work Plan

BCP Site Number: C203153

Prepared for:

350 GC Property Owner LLC
292 Madison Ave, 24th Floor
New York, New York 10017

For Submission to:

New York State Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor
Albany, New York 12233

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, New York 10016
(212) 696-0670

FEBRUARY 2026

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 PROJECT TEAM 2
2.1 Remedial Engineer 2
2.2 Quality Assurance Officer 2
2.3 Project Manager 2
2.4 Field Team Leader, Field Technician, and Site Safety Officer 2
2.5 Laboratory Quality Assurance/Quality Control Officer 2
2.6 Third-Party Data Validator 3
3.0 PROJECT QUALITY OBJECTIVES 4
4.0 STANDARD OPERATING PROCEDURES 6
4.2 Excavation Backfill 7
4.3 Materials Reuse On-Site 8
4.4 Decontamination Of Sampling Equipment 8
4.5 Management Of Investigation Derived Waste 8
5.1 Soil Sampling 9
5.3 Laboratory Methods 10
5.4 Quality Control Sampling 11
5.5 Sample Handling 11
5.5.1 Sample Identification 11
5.6 Field Instrumentation 14
5.7 Quality Assurance 14

IN-TEXT TABLES

Table 1 – Laboratory Analytical Methods for Analysis Groups
Table 2 – Endpoint Sample Nomenclature
Table 3 – Waste Classification/Hotspot/Tank Excavation Sample Nomenclature
Table 4 – Groundwater Sample Nomenclature

FIGURES

Figure 1 – BCP Site Location
Figure 2 – Proposed Remedial Excavation and Groundwater Treatment Plan
Figure 3 – Proposed Endpoint Sampling Plan
Figure 4 – Proposed Post-Remedial Action Groundwater Monitoring Wells

ATTACHMENTS

Attachment A – Resumes for Remedial Engineer, Quality Assurance Officer, Project Manager, and Field Team Leader
Attachment B – Sample Chain of Custody

1.0 INTRODUCTION

This Quality Assurance Project Plan (QAPP) describes the protocols and procedures that will be followed during all environmental sampling required to implement the Remedial Action Work Plan (RAWP) at the 350 Rising site, located at 350 Grand Concourse in the Bronx, New York, hereafter referred to as the "Site." The Site is identified on the New York City Tax Map as Bronx Borough Tax Block 2341, Lot 42. A Site Location map is provided as Figure 1.

The objective of this QAPP is to provide for Quality Assurance (QA) and maintain Quality Control (QC) of environmental investigative, sampling, and remedial activities conducted under the New York State Department of Environmental Conservation (NYSDEC) oversight in the Brownfield Cleanup Program (BCP), BCP Site No. C203153. The QAPP will ensure that defensible data will be obtained during all environmental work at the Site. All sampling for emerging contaminant compounds will be consistent with the April 2023 NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances guidance document. Figure 2 shows the proposed remedial excavation and groundwater treatment areas. Figure 3 shows the proposed excavation endpoint sampling plan. Figure 4 shows the proposed Remedial Action groundwater monitoring wells as included in the RAWP.

2.0 PROJECT TEAM

The project team will be drawn from AKRF professional and technical personnel, and AKRF's subcontractors. All field personnel and subcontractors will have completed a 40-hour training course and updated 8-hour refresher course that meet the Occupational Safety and Health Administration (OSHA) requirements of 29 CFR Part 1910. The following sections describe the key project personnel and their responsibilities.

2.1 Remedial Engineer

The Remedial Engineer (RE) for this project will be Rebecca Kinal, P.E. The RE will have primary direct responsibility for implementation of the remedial program for the Site. The RE will coordinate the work of other contractors and subcontractors involved in all aspects of remedial construction, including soil excavation, stockpiling, characterization, removal and disposal, air monitoring, emergency spill response services, import of backfill material, and management of waste transport and disposal. The RE will be responsible for all appropriate communication with NYSDEC and New York State Department of Health (NYSDOH). Ms. Kinal's resume is included in Attachment A.

2.2 Quality Assurance Officer

Marc Godick, Qualified Environmental Professional (QEP), will serve as the Quality Assurance Officer and will be responsible for adherence to the QAPP. The Quality Assurance Officer will review the procedures with all personnel prior to commencing any fieldwork and will conduct periodic Site visits to assess implementation of the procedures. The Quality Assurance Officer will also be responsible for reviewing the Data Usability Summary Reports (DUSRs) prepared by a third-party data validator for analytical results. Mr. Godick's resume is included in Attachment A.

2.3 Project Manager

The project manager will be responsible for directing and coordinating all elements of the RAWP. The project manager will prepare reports and participate in meetings with the Site owner, Volunteer, and/or the NYSDEC. Kenneth Wiles will serve as the project manager for the RAWP. Mr. Wiles' resume is included in Attachment A.

2.4 Field Team Leader, Field Technician, and Site Safety Officer

The field team leader will be responsible for supervising the daily sampling and health and safety activities in the field and will ensure adherence to the RAWP, the Health and Safety Plan (HASP) included in Appendix J of the RAWP, and the Community Air Monitoring Plan (CAMP) included as Appendix M of the RAWP. The field team leader may also act as the Site Safety Officer (SSO) and field technician as appropriate. The field team leader will report to the project manager or project manager alternate on a regular basis regarding daily progress and any deviations from the work plan. The field team leader will be a qualified and responsible person able to act professionally and promptly during environmental work at the Site. Mackenzie Miller of AKRF will be the field team leader. Ms. Miller's resume is included in Attachment A.

2.5 Laboratory Quality Assurance/Quality Control Officer

The laboratory QA/QC officer will be Carl Armbruster of Eurofins-TestAmerica Laboratories (Eurofins-TestAmerica), the NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory being employed for all environmental sampling at the Site. The laboratory QA/QC officer will be responsible for quality control procedures and checks in the laboratory and

ensuring adherence to laboratory protocols. She will track the movement of samples from the time they are checked in at the laboratory to the time that analytical results are issued. He will also conduct a final check on the analytical calculations and sign off on the laboratory reports.

2.6 Third-Party Data Validator

The third-party data validator will be responsible for reviewing the final data packages for analyzed samples and preparing a DUSR that will provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the laboratory analyses for the investigation. The third-party data validator will be Lori Beyer of L.A.B. Validation Corporation of East Northrop, New York.

3.0 PROJECT QUALITY OBJECTIVES

The overall project objectives for the sampling include:

- Collection of soil samples to document the completion of remedial excavation and import of environmentally clean material;
- Collection of groundwater samples to monitor contamination levels in groundwater below the Site; and
- To meet these objectives, soil samples will be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), pesticides, per- and polyfluorinated compounds (PFAS), and 1,4-dioxane. Additional soil samples may be collected for waste characterization. Groundwater samples will be analyzed for VOCs.

Who will use the data?

The collected data will be used by NYSDEC, NYSDOH, the Volunteer, and AKRF to determine whether Remedial Action is complete, appropriate soil handling procedures, and ensure import of appropriate soil/fill materials.

What types of data are needed?

- Soil samples will be collected and analyzed by a NYSDOH ELAP-certified laboratory for Target Compound List (TCL) VOCs by United States Department of Environmental Protection Agency (EPA) Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, 1,4-dioxane by EPA Method 8270, PFAS compounds by EPA Method 1633, and the Total Analyte List (TAL) of metals by EPA Method 6000/7000 series plus hexavalent chromium by EPA Method 7196A and cyanide by EPA Method 9012B using Category B deliverables.
- Baseline and post-remedial groundwater samples will be collected and analyzed by a NYSDOH ELAP-certified laboratory for VOCs by EPA Method 8260 using Category B deliverables.

How much data are needed?

Approximately 39 bottom endpoint and 25 sidewall soil samples will be collected and analyzed. Figure 3 shows the proposed sampling locations.

Baseline and post-remedial groundwater samples will be collected from three monitoring wells shown on Figure 4.

Field blanks, blind duplicates, matrix spike/matrix spike duplicates, and trip blanks will be collected and analyzed at a sample frequency of one sample per 20 field samples per media.

Where, when, and how should the data be collected/generated?

Based on the sampling frequency outlined in Section 5.4 of NYSDEC Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10), endpoint sampling will include one bottom soil sample for every 900 square feet across the Site and one sidewall sample for every 30 linear feet for the hotspots. This totals 39 bottom endpoint samples and 25 sidewall endpoint samples. If sloping for the hotspot excavations makes collection of sidewall samples there challenging, these sidewall samples will be collected at the bottom of the hotspot at its extents. Due to the presence of SOE to be installed for the excavation at the Site's extents, sidewall samples cannot be collected there.

In addition, a minimum of five endpoint samples consisting of four sidewalls (except where SOE is present) and one bottom sample will be collected from any deeper remedial excavations (including the petroleum hotspots), as well as one additional sample for every 15 linear feet of trench for any associated piping.

The excavation endpoint samples will be collected using a decontaminated stainless steel sampling trowel, hand auger, or a dedicated wooden tongue depressor and placed directly into pre-sterilized laboratory-issued containers. The sample containers will be properly labeled and immediately placed on ice within a cooler. Sample time, date, and location will be recorded on a chain of custody.

Who will collect and generate the data?

AKRF will be responsible for all sampling. All samples will be analyzed by Eurofins-TestAmerica (subcontracted by AKRF), a NYSDOH-certified laboratory. AKRF will be responsible for collecting, reviewing, assessing, and disseminating validated data. Third-party data validation and the preparation of a DUSR will be prepared by Ms. Lori Beyer of Lab Validation Corp.

How will the data be reported?

The data will be reported in a Final Engineering Report (FER) and as EQuIS-compatible electronic data deliverables.

How will the data be archived?

All hard-copy data will be maintained at AKRF offices for a minimum of one year. Field logbooks and forms will be scanned and all electronic data will be archived on the AKRF corporate server.

4.0 STANDARD OPERATING PROCEDURES

The following sections describe the standard operating procedures for the remedial activities included in the RAWP. During these operations, safety monitoring will be performed as described in the HASP, included as Appendix R of the RAWP.

4.1.1 Excavation of Soil

The stratigraphy of the Site consisted of fill up to approximately 4 to 20 feet below ground surface (bgs), characterized by silt with sand, brick, gravel, asphalt, and glass across the Site. The fill was generally underlain by either apparent native soil (silt, sand, and clay with gravel) to the terminus of the borings (5 to 25 feet bgs) or apparent weathered bedrock encountered between 5 to 24 feet bgs. During the 2022 Remedial Investigation and 2025 Supplemental Remedial Investigation, soil was field screened with a photoionization detector (PID) to measure relative concentrations of VOCs. Petroleum-like odors, staining, and/or elevated PID readings up to 2,665 parts per million (ppm) were noted. Non-aqueous phase liquid (NAPL) was observed in one soil boring, SRI-SB-A1-1B, at approximately 5 feet bgs.

Surface topography at the Site is generally level at an elevation of approximately 32 to 38 feet [North American Vertical Datum of 1988 (NAVD88)], and slopes gently down to the south.

Based on site-specific measurements at the monitoring well locations taken on February 11, 2022, the groundwater elevation across the Site ranges from approximately 14.5 to 21.5 feet NAVD88, or from approximately 14 to 16 feet bgs (with the exception of 1 of the 10 monitoring wells, RI-MW-03, measured during the RI at approximately 18 feet bgs).

The affected media at the Site includes soil, groundwater, and soil vapor. Soil/fill is contaminated with petroleum-related contamination (VOCs, visual, olfactory, and elevated PID readings associated with petroleum), SVOCs, metals, pesticides and PFAS; groundwater is contaminated with petroleum-related VOCs, metals, and PFAS (the SVOCs concentrations were attributed to sediment entrained in the sample); and soil vapor is contaminated with petroleum-related VOCs and chlorinated solvent-related VOCs (CVOCs).

Elevated concentrations of petroleum-related contamination, SVOCs, metals, and to a lesser extent, pesticides and PFAS, were detected in soil/fill across the Site. Elevated concentrations of VOCs, and to a lesser extent, metals, and PFAS, were detected in groundwater on the western and southern portion of the Site, and elevated concentrations of petroleum-related VOCs and CVOCs were detected in soil vapor on the southern and western portions of the Site.

4.1.2 Tank Removal (if necessary)

Any tanks and appurtenances discovered during implementation of the RAWP will be cleaned, removed, and disposed of in accordance with accepted industry standards and applicable Federal, State, and local regulatory agency requirements. Tank and soil removal from the vicinity of discovered underground storage tanks will be conducted in consultation with the NYSDEC.

Typical tank removal procedures are summarized below:

1. Open fill cap or vent pipe and measure for product. Collect a sample of the product. Tank contents will be sampled in accordance with applicable Federal, State, and local requirements and tested in accordance with the requirements of the receiving facility. Proper disposal of tank contents at an approved facility will be dictated by sample results.

2. Excavate to expose the tank. Vacuum liquid tank contents and pumpable tank bottom residue.
3. Excavate around the tank with care to avoid release of tank and piping contents. Hand excavation around the tank may be necessary. The sides of all excavated areas will be properly stabilized in accordance with OSHA regulations. Continuously monitor the excavated areas in the worker breathing zone for the presence of flammable, toxic or oxygen deficient atmosphere with a PID, a combustible gas indicator (CGI), and an oxygen meter.
4. Inert the tank of flammable vapors using dry ice and verify using an oxygen meter (less than 7 percent). An access hole will be cut in the tank and the tank will be thoroughly cleaned of residual liquids and sludges.
5. Entry of the tank, if necessary, shall be conducted in conformance with OSHA confined space requirements.
6. Remaining fuels, loose slurry, sludge materials and wastewater will be collected in New York State Department of Transportation-approved drums, sampled and analyzed for disposal characterization. After disposal characterization, waste material will be removed and disposed of in accordance with applicable regulations.
7. Remove the tank and all associated piping from the ground and clean the outside of the tank. The tank and piping will be rendered "not reusable," removed from the site and disposed of according to applicable regulations with proper documentation. Remove and dispose of all concrete tank support structures or vaults as encountered.
8. After tank removal, examine for evidence of petroleum releases in accordance with NYSDEC requirements.
9. Suspect materials will be field screened with a PID. If soil contamination is present, excavate and remove contaminated soil from the tank areas in accordance with the RAWP. Material will be excavated until field screening with a PID yields concentrations of less than 20 parts per million (ppm) and until there are no remaining visible signs of contamination or odors. Endpoint sampling will be conducted as directed by the NYSDEC.
10. Photo-document all procedures and record all procedures in a bound field notebook.

4.1.3 Soil Screening

During soil excavation and tank removal activities (if necessary), the excavated material will be inspected by AKRF field personnel for evidence of contamination (i.e., separate phase liquid, staining, sheening and/or odors) and field-screened using a PID calibrated at the start of each day in accordance with the manufacturer's instructions.

4.2 Excavation Backfill

Any imported soil will meet the backfill and cover soil quality standards established in 6 New York Codes, Rules and Regulations (NYCRR) 375-6.7(d). Approval will also be based on an evaluation of the land use, protection of groundwater and protection of ecological resources criteria. Soil will be considered appropriate for use as on-site imported backfill if contaminant concentrations are below the lesser of the 6 NYCRR Part 375 Restricted Residential and Groundwater Protection Soil Cleanup Objectives. Soils that meet 'exempt' fill requirements under 6 NYCRR Part 360, but do not meet backfill or cover soil objectives for this Site, will not be imported to the Site without prior approval by NYSDEC. Solid waste will not be imported to the Site.

Native material from a virgin quarry source need not be sampled prior to use as backfill on the Site. All other imported material will be sampled and analyzed in accordance with Table 5.4(e)10 on page 161 of DER-10. Each sample will be tested for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, TAL metals by EPA Method 6000/7000 series, and the standard list of 21 PFAS compounds by modified EPA Method 1633. Samples will be shipped to the laboratory with appropriate chain of custody documentation. The samples will be analyzed in a laboratory following NYSDOH Analytical Services Protocol Category B deliverables.

4.3 Materials Reuse On-Site

Material reuse on-site is not anticipated during the RAWP; however, if reuse is proposed, the following applies:

- Organic matter (wood, roots, stumps, etc.) or other solid is prohibited for reuse on-site. Soil that does not exhibit evidence of contamination during field screening and is free of demolition debris will be stockpiled and tested at a frequency in accordance with Table 5.4(e)10 on page 161 of DER-10 if reuse is contemplated. Each sample will be tested for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, TAL metals by EPA Method 6000/7000 series, and the standard list of 21 PFAS compounds by modified EPA Method 1633. Samples will be shipped to the laboratory with appropriate chain of custody documentation. The samples will be analyzed in a laboratory following NYSDOH Analytical Services Protocol Category B deliverables.

4.4 Decontamination Of Sampling Equipment

All non-disposable sampling equipment (hand augers, sampling spoons, etc.) will be either dedicated or decontaminated between sampling locations. The decontamination procedure will be as follows:

1. Scrub using tap water/Alconox mixture and bristle brush.
2. Rinse with tap water.
3. Scrub again with tap water/Alconox and bristle brush.
4. Rinse with tap water.
5. Rinse with distilled water.
6. Air-dry the equipment, if possible.

Decontamination will be conducted within five-gallon buckets to capture decontamination water.

4.5 Management Of Investigation Derived Waste

All excavated soil will be stockpiled and disposed of in accordance with the RAWP. If field evidence of gross contamination is identified, decontamination wastewater will be drummed and staged near the point of generation and will be properly disposed of off-site based on laboratory results. If free of visible contamination, disposable personal protective equipment (PPE) and sampling equipment (scoops, gloves, rope, etc.) will be placed in heavy-duty plastic bags and disposed of properly.

5.0 SAMPLING AND LABORATORY PROCEDURES

5.1 Soil Sampling

Soil sampling shall be conducted according to the following procedures:

- Field screening for evidence of contamination (e.g., odors, staining, elevated PID measurements). Using a hand auger or sampling spoon, remove a small amount of soil from the bottom or sidewall of the excavation. A grab sample can also be collected from the excavator bucket after targeted soil removal from the excavation. Place the soil in a zip-lock bag and insert the PID through the sealed bag to obtain an organic vapor concentration measurement.
- After selecting which samples will be analyzed in the laboratory, fill the required laboratory-supplied sample jars with the soil from the selected sampling location or labeled sealable plastic bags. Seal and label the sample jars as described in Section 5.3 of this QAPP and place in an ice-filled cooler.
- Decontaminate any soil sampling equipment between sample locations as described in Section 4.4 of this QAPP.
- Record boring number, sample depth and sample observations (evidence of contamination, PID readings, soil classification) in field logbook and boring log data sheet, if applicable.

5.2 Groundwater Sampling

Groundwater sampling will be conducted in accordance with the EPA low-flow methodology. Groundwater sampling will be generally conducted as follows:

- Remove the well plug and immediately measure the vapor concentrations in the well headspace with a PID calibrated to the manufacturer's specifications.
- Measure the depth to water and total well depth, and check for the presence of non-aqueous phase liquid (NAPL) using a bailer. Measure the thickness of NAPL, if any, and record in field book and well log. If present, collect a sample of NAPL using a disposable plastic weighted bailer or similar collection device. Groundwater samples will not be collected from wells containing measurable NAPL.
- Connect dedicated tubing to either a submersible or bladder pump and lower the pump such that the intake of the pump is set at the midpoint of the water column within the screened interval of the well. Connect the discharge end of the tubing to the flow-through cell of a Horiba U-52 multi-parameter (or equivalent) meter. Connect tubing to the output of the cell and place the discharge end of the tubing in a five-gallon bucket.
- Activate the pump at the lowest flow rate setting of the pump.
- Measure the depth to water within the well. The pump flow rate may be increased such that the water level measurements do not change by more than 0.3 foot as compared to the initial static reading. The well-purging rate should be adjusted so as to produce a smooth, constant (laminar) flow rate and so as not to produce excessive turbulence in the well. The expected targeted purge rate will be approximately 0.5 Liter and will be no greater than 3.8 Liters per minute.
- Transfer discharged water from the 5-gallon buckets to 55-gallon drums designated for well-purge water.
- During purging, collect periodic samples and analyze for water quality indicators (e.g., turbidity, pH, temperature, dissolved oxygen, reduction-oxidation potential, and specific conductivity) with measurements collected approximately every five minutes.

- Continue purging the well until turbidity is less than 50 Nephthalometric Turbidity Units (NTU) and water quality indicators have stabilized to the extent practicable. The criteria for stabilization will be three successive readings for the following parameters and criteria:
    - Dissolved Oxygen - +/- 0.3 milligram per Liter (mg/L)
    - Turbidity - <50 NTU
    - ORP/Eh - +/- 10 millivolts (mV)
    - Specific Conductance - +/- 3% millisievert per centimeter (mS/cm)
    - PH - +/- 0.1 pH units
- If the water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, purging may be discontinued. Efforts to stabilize the water quality for the well must be recorded in the field book, and samples may then be collected as described herein.
- After purging, disconnect the tubing to the inlet of the flow-through cell. Collect groundwater samples directly from the discharge end of the tubing and place into the required sample containers as described in Section 5.3 of this QAPP. Label the containers as described in Section 5.5.1 of this QAPP and place in an ice-filled cooler for shipment to the laboratory.
- Collect one final field sample and analyze for turbidity and water quality parameters (pH, temperature, dissolved oxygen, reduction-oxidation potential, and specific conductivity).
- Record all measurements (depth to water, depth to NAPL, water quality parameters, turbidity), calculations (well volume), and observations in the project logbook and field data sheet, if applicable.
- Once sampling is complete, remove the pump and tubing from the well. Dispose of the dedicated equipment and decontaminate reusable equipment, as described in Section. The purge water will be managed as described in Section 4.5 of this QAPP.
- Decontaminate the equipment, as described in Section 4.4 of this QAPP.

5.3 Laboratory Methods

Table 1 below summarizes the laboratory methods that will be used to analyze field samples and the sample container type, preservation, and applicable holding times. An Environmental Laboratory Approval Program-certified laboratory will be used for all chemical analyses in accordance with DER-10 2.1(b) and 2.1(f), including Category B Deliverables.

Table 1
Laboratory Analytical Methods for Analysis Groups

Matrix	Analysis	EPA Method	Bottle Type	Preservative	Hold Time
Soil	VOCs	8260C	EnCore® or Core N' One® samplers (3) or Terracore samplers and 2 oz. plastic jar	≤ 6 ºC	48 hours to extract; 14 days to analyze
	SVOCs	8270D	8 oz. Glass jar	≤ 6 ºC	14 days to extract; 40 days to analyze
	TAL Metals, and Hexavalent Chromium	6000/7000 Series, and 7196A	8 oz. Glass jar	≤ 6 ºC	6 months holding time; Mercury 28 days holding time; Hexavalent chromium 30 days to extract, 7 days to analyze
	Pesticides	8081B	8 oz. Glass Jar	≤ 6 ºC	14 days to extract; 40 days to analyze
	PCBs	8082A	8 oz. Glass Jar	≤ 6 ºC	14 days to extract; 40 days to analyze
	PFAS	1633	4 oz. or 8oz. HDPE jar or 250 mL HDPE bottle	≤ 6 oC	14 days to extract; 40 days to analyze
Groundwater	VOCs	8260C	5 40 mL Glass vials	HCl to pH < 2 and ≤ 6 ºC	48 hours to extract; 14 days to analyze

Note:
EPA - Environmental Protection Agency
* - If necessary

5.4 Quality Control Sampling

In addition to the laboratory analysis of the soil samples, additional analysis will be included for QC measures, as required by the Category B sampling techniques. These samples will include field blank, trip blank, matrix spike/matrix spike duplicate (MS/MSD), and blind duplicate samples at a frequency of one sample per 20 field samples collected. QC samples will be analyzed for the same parameters as the accompanying samples, with the exception of any trip blanks, which will be analyzed for the VOC list only.

5.5 Sample Handling

5.5.1 Sample Identification

All samples will be consistently identified in all field documentation, chain-of-custody (COC) documents, and laboratory reports. All samples will be given a unique name and the collection date at the end of the sample same in a year, month, day (YYYYMMDD) format. Blind duplicate sample nomenclature will consist of the sample type, followed by an "X"; MS/MSD samples nomenclature will consist of the parent sample name, followed by "MS" or "SD"; and trip and field blanks will consist of "TB-" and "FB-", respectively, followed by a sequential number of the trip/field blanks collected within the sample digestion group. Special characters, including primes/apostrophes ('), will not be used for sample nomenclature.

Endpoint Soil Sampling

Soil endpoint samples will be identified with "EP-" and the endpoint sample number in sequential order that the endpoint sample was collected, and the depth below ground surface the sample was collected from in parentheses. Table 2 below provides examples of the sampling identification scheme for the post-excavation endpoint samples.

Table 2
Endpoint Sample Nomenclature

Sample Description	Sample Designation
Post-excavation endpoint soil sample EP-01 collected from 15 feet bgs on April 1, 2026	EP-01_15_20260401
Matrix spike/matrix spike duplicate sample of post-excavation endpoint soil sample EP-01 collected from 15 feet bgs on April 1, 2026	EP-01_15_20260401_MS EP-01_15_20260401_SD
Duplicate of post-excavation endpoint soil sample EP-01 collected from 15 feet bgs on April 1, 2026	EP-X_15_20260401
Trip blank sample collected during a soil sampling event on April 1, 2026	TB-S-20260401
Field blank sample collected during a soil sampling event on April 1, 2026	FB-S-20260401

Waste Classification/ Tank Excavation Soil Sampling

In addition to the nomenclature detailed above, any confirmatory endpoint samples collected from a tank excavation will be identified by the excavation grid area and the cardinal direction of the sidewalls. The sample(s) collected from the bottom of the excavation will be amended with a "B-", followed by the number of bottom samples collected from the excavation in sequential order. Waste classification samples will be amended with "WC-" and the alphanumeric grid identification. Additionally, samples will be amended with the depth the sample was collected in feet below ground surface in parentheses. The alphanumeric grid is presented on Figure 8 of the RAWP. Table 3 below provides examples of the sampling identification scheme for proposed waste classification samples and any hotspot or tank excavation samples.

Table 3
Waste Classification/Hotspot/Tank Excavation Sample Nomenclature

Sample Description	Sample Designation
Waste classification composite sample collected between ground surface and 5 feet bgs in grid A1 on March 15, 2026	WC-A1-C_0-5_20260315
Waste classification grab sample collected between ground surface and 5 feet bgs in grid A1 on March 15, 2026	WC-A1-G_0-5_20260315
Soil sample collected from the northern sidewall of a tank grave encountered at 4 feet bgs on March 15, 2026	UST-N_4_20260315

Groundwater Sampling

Groundwater samples will be identified with their monitoring well ID. Table 4 below provides examples of the sampling identification scheme for the groundwater samples if their collection is necessary.

Table 4
Groundwater Sample Nomenclature

Sample Description	Sample Designation
Groundwater sample collected monitoring well RA-MW-01 on March 1, 2026	RA-MW-01_20260301
Matrix spike/matrix spike duplicate sample from monitoring well RA-MW-01 on March 1, 2026	RA-MW-01_20260301_MS RA-MW-01_20260301_SD
Duplicate of sample from monitoring well RA-MW-01 on March 1, 2026	EP-X_15_20260301
Trip blank sample collected during a groundwater sampling event on March 1, 2026	TB-GW-20260301
Field blank sample collected during a groundwater sampling event on March 1, 2026	FB-GW-20260301

Sample Labeling and Shipping

All sample containers will be provided with labels containing the following information:

- Project identification, including Site name, number, and address
- Sample identification
- Date and time of collection
- Analysis(es) to be performed
- Sampler's initials

Once the samples are collected and labeled, they will be placed in chilled coolers (for soil and groundwater samples) and stored in a cool area away from direct sunlight to await shipment to the laboratory. All samples will be shipped to the laboratory within 24 hours

of collection. At the start and end of each workday, field personnel will add ice to the cooler(s) as needed. Coolers used to store the vapor samples Tedlar® bags will NOT be filled with ice.

The samples will be prepared for shipment by placing each sample in laboratory-supplied glassware, then wrapping each container in bubble wrap to prevent breakage, and adding fresh ice in sealable plastic bags. The COC form will be properly completed by the sampler in ink, and all sample shipment transactions will be documented with signatures, and the date and time of custody transfer. Samples will be shipped overnight (e.g., Federal Express) or transported by a laboratory courier. All coolers shipped to the laboratory will be sealed with mailing tape and a COC seal to ensure that the samples remain under strict COC protocol.

Sample Custody

Field personnel will be responsible for maintaining the sample coolers in a secured location until they are picked up and/or sent to the laboratory. The record of possession of samples from the time they are obtained in the field to the time they are delivered to the laboratory or shipped off-site will be documented on COC forms. The COC forms will contain the following information: project name; names of sampling personnel; sample number; date and time of collection and matrix; and signatures of individuals involved in sample transfer, and the dates and times of transfers. Laboratory personnel will note the condition of the custody seal and sample containers at sample check-in. A sample chain-of-custody is included in Attachment B.

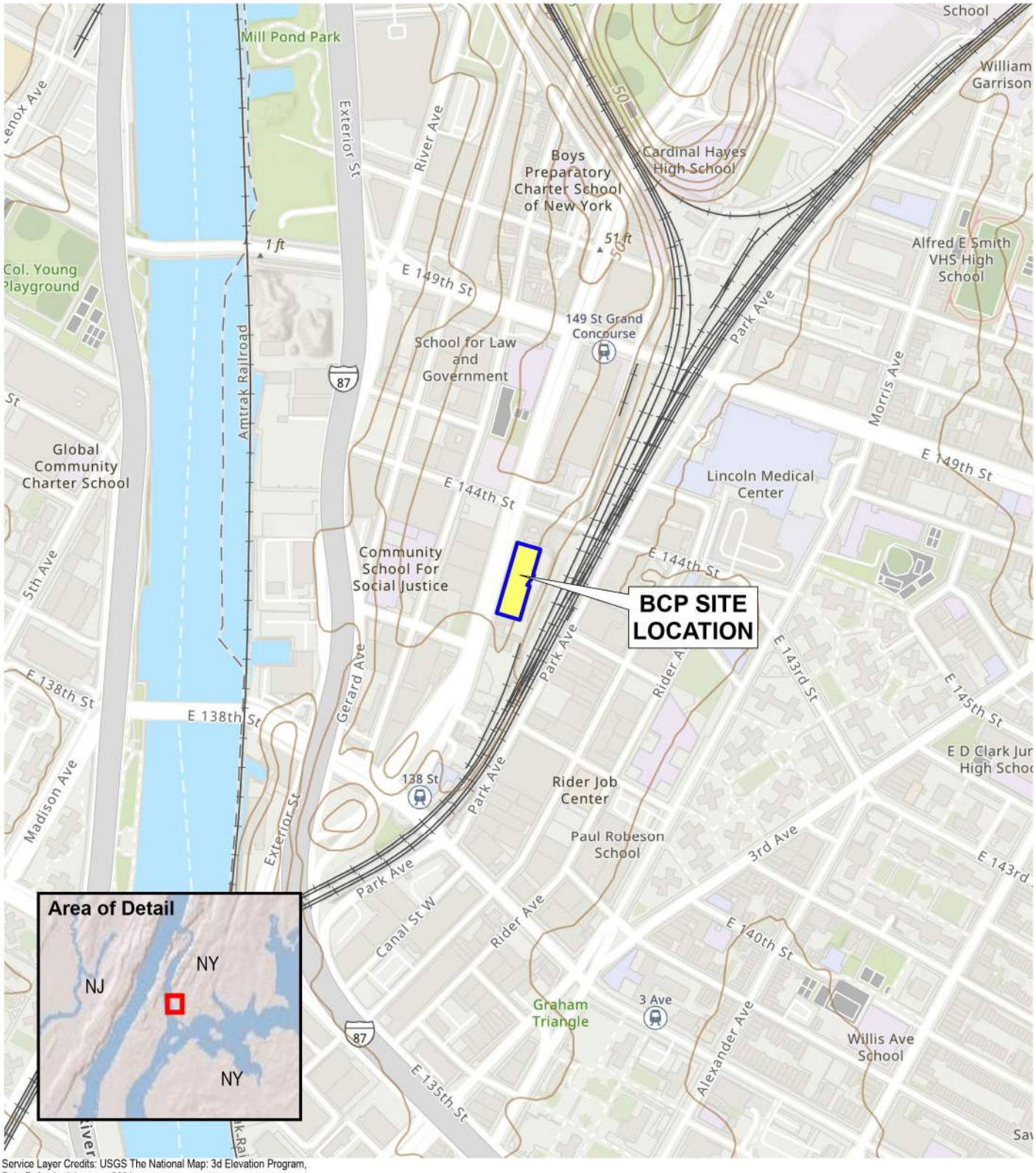
5.6 Field Instrumentation

Field personnel will be trained in the proper operation of all field instruments at the start of the field program. Instruction manuals for the equipment will be on file at the Site for referencing proper operation, maintenance, and calibration procedures. The equipment will be calibrated according to manufacturer specifications at the start of each day of fieldwork. If an instrument fails calibration, the project manager will be contacted immediately to obtain a replacement instrument. A calibration log will be maintained to record the date of each calibration, any failure to calibrate and corrective actions taken. The PIDs used for the roving and fixed air monitoring stations will be equipped with 10.6 electronvolt lamps. All PIDs will be calibrated each day using 100 ppm isobutylene standard gas in accordance with the manufacturer's standards.

5.7 Quality Assurance

All sample laboratory analytical data will be reviewed by a third-party validator and a DUSR will be prepared to document the usability and validity of the data. The FER will include a detailed description of endpoint sampling activities, data summary tables, concentration map showing endpoint sample locations and concentrations, DUSR, and laboratory reports.

FIGURES



akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

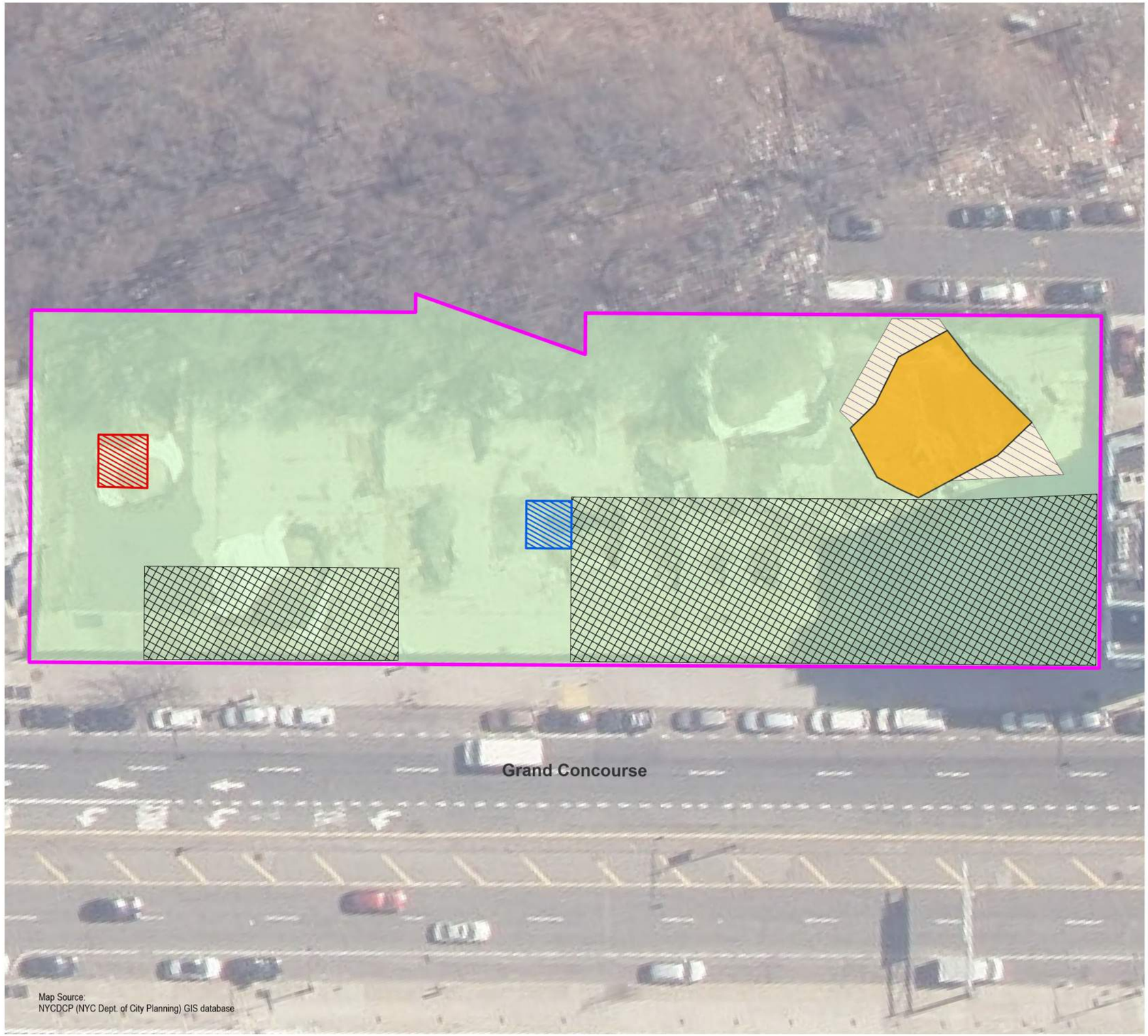
BCP SITE LOCATION

DATE
2/9/2026

PROJECT NO.
240979

FIGURE
1

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx2/9/2026 5:56 PM240979 Fig 1 Site Locationmveilleux



LEGEND

- BCP SITE BOUNDARY
- IRM EXCAVATION (2022) - REMEDIAL EXCAVATION TO 10 FEET BGS TO REMOVE THREE 12,000-GAL USTS*
- PROPOSED SITE WIDE REMEDIAL EXCAVATION TO 5 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 8.5 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 10 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 11 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 20 TO 25 FEET BGS TO REMOVE PETROLEUM HOTSPOTS AND GROUNDWATER TREATMENT AREAS

NOTES:
BGS - BELOW GROUND SURFACE

* UNDERLYING CONCRETE SLAB WAS BENEATH THE USTS. ATTEMPTS WERE MADE TO BREAK THE SLAB; HOWEVER, THEY WERE UNSUCCESSFUL. THEREFORE, NO ENDPOINT SAMPLES WERE ABLE TO BE COLLECTED FROM BENEATH THE USTS.

STATE OF NEW YORK
REBECCA A. KINAL
082046-1
LICENSED PROFESSIONAL ENGINEER

0 15 30 60
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

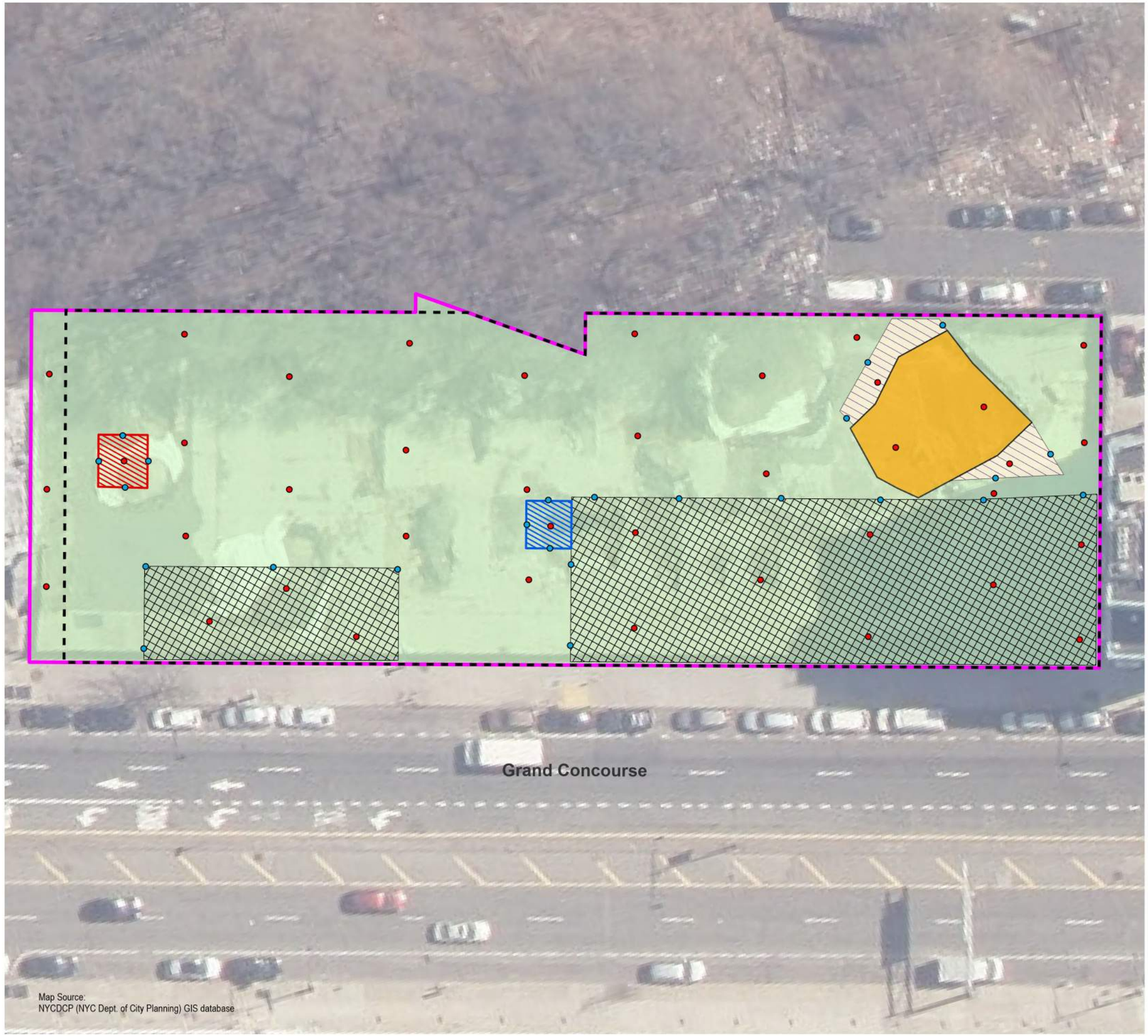
PROPOSED REMEDIAL EXCAVATION AND GROUNDWATER TREATMENT PLAN

DATE
2/10/2026

PROJECT NO.
240979

FIGURE
2

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 2/10/2026 4:02 PM240979 Fig 9 Proposed Remedial Excavation Plan mvelleux



LEGEND

- BCP SITE BOUNDARY
- IRM EXCAVATION (2022) - REMEDIAL EXCAVATION TO 10 FEET BGS TO REMOVE THREE 12,000-GAL USTS*
- PROPOSED SITE WIDE REMEDIAL EXCAVATION TO 5 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 8.5 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 10 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 11 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 20 TO 25 FEET BGS TO REMOVE PETROLEUM HOTSPOTS
- SUPPORT OF EXCAVATION
- PROPOSED BOTTOM ENDPOINT SAMPLE LOCATION
- PROPOSED SIDEWALL SAMPLE LOCATION**

NOTES:
BGS - BELOW GROUND SURFACE

* UNDERLYING CONCRETE SLAB WAS BENEATH THE USTS. ATTEMPTS WERE MADE TO BREAK THE SLAB; HOWEVER, THEY WERE UNSUCCESSFUL. THEREFORE, NO ENDPOINT SAMPLES WERE ABLE TO BE COLLECTED FROM BENEATH THE USTS.

** SIDEWALL SAMPLES MAY BE COLLECTED AT THE BASE IF SLOPING MAKES SIDEWALL SAMPLE COLLECTION CHALLENGING.

STATE OF NEW YORK
REBECCA A. KINAL
082046-1
LICENSED PROFESSIONAL ENGINEER

0 15 30 60
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

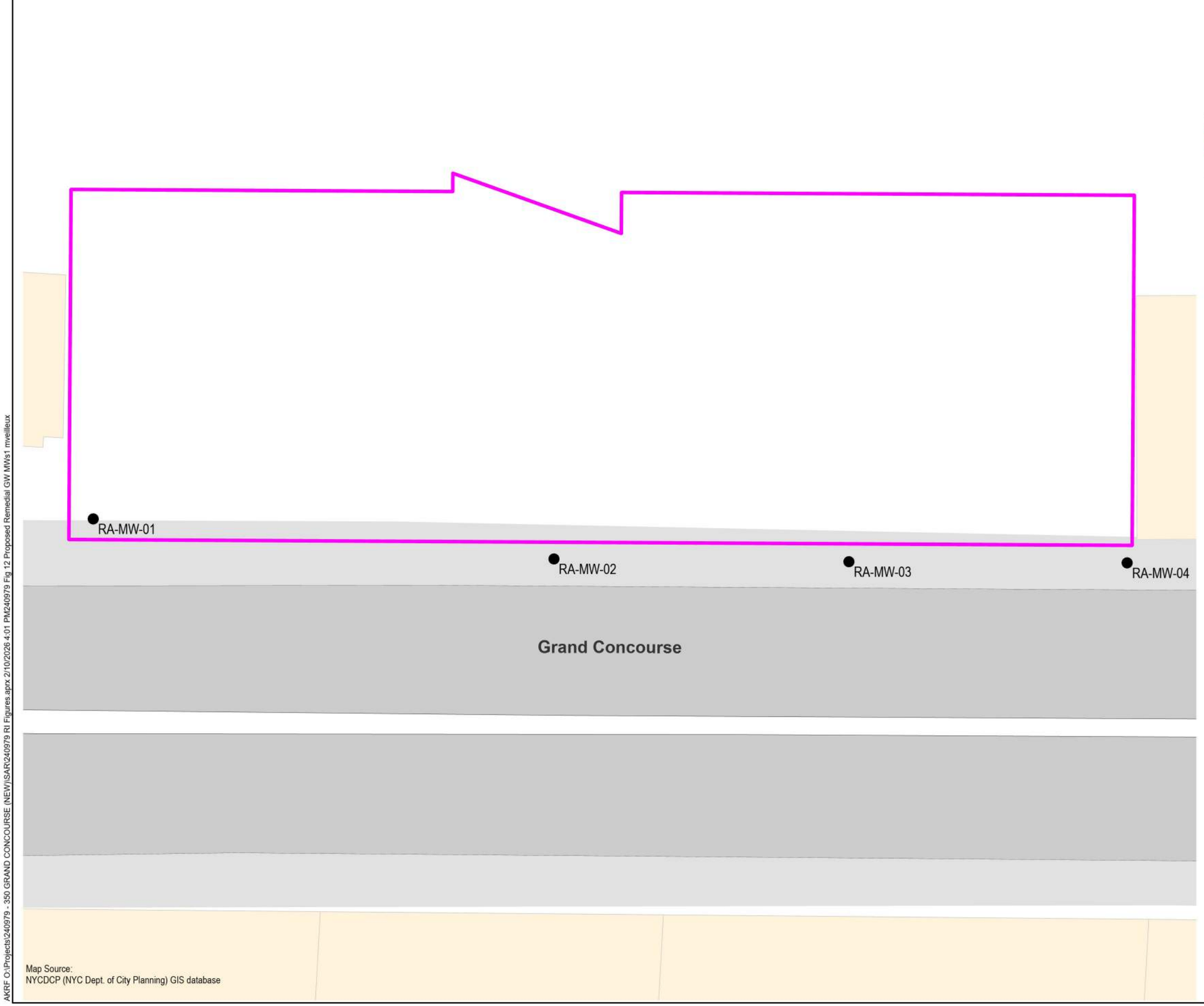
PROPOSED ENDPOINT SAMPLING PLAN

DATE
2/10/2026

PROJECT NO.
240979

FIGURE
3

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 2/10/2026 4:01 PM240979 Fig 10 Proposed Endpoint Sampling Plan mveilleux



STATE OF NEW YORK
REBECCA A. KINAL
082046-1
LICENSED PROFESSIONAL ENGINEER

0 15 30 60

SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

PROPOSED REMEDIAL ACTION GROUNDWATER MONITORING WELLS

DATE
2/10/2026

PROJECT NO.
240979

FIGURE
4

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures aprx 2/10/2026 4:01 PM240979 Fig 12 Proposed Remedial GW MWs1 mveilleux

ATTACHMENT A

RESUMES OF REMEDIAL ENGINEER, QUALITY ASSURANCE OFFICER, PROJECT MANAGER, AND FIELD TEAM LEADER

REBECCA KINAL, PE

VICE PRESIDENT/ENVIRONMENTAL ENGINEER

Rebecca Kinal, PE has extensive experience in the assessment and remediation of soil and groundwater contamination and other hazardous/non-hazardous waste problems. Ms. Kinal's experience includes environmental due diligence, soil and groundwater investigations, leaking underground storage tank studies, soil gas/vapor intrusion surveys, and oversight of small- and large-scale remediation programs, including design of groundwater remediation systems and vapor mitigation systems. She has directed numerous Phase I and Phase II assessments and remediation programs, many of them in conjunction with commercial/residential developers, law firms, lending institutions, and public agencies. She is experienced in the cleanup of contaminated properties under New York State Brownfield Cleanup Program (BCP) regulations and the New York City "E-designation" program. As a part of this work, her duties have included technical and report review, engineering design, proposal writing, scheduling, budgeting, and acting as liaison between clients and regulatory agencies, and project coordination with federal, state, and local authorities.

BACKGROUND

Education
MS, Rensselaer Polytechnic Institute, Hydrogeology, 1995
BS, Lafayette College, Civil Engineering, 1992

Licenses/Certifications
Professional Engineer, NY - 082046-1
OSHA 40 Hour HAZWOPER,

Years of Experience
23 years in the industry
19 years with AKRF

RELEVANT EXPERIENCE

New York City School Construction Authority On-Call Contracts for Environmental Consulting Services, Various Sites, NY

Ms. Kinal has served as the project manager for AKRF's on-call hazardous materials consulting contract with the New York City School Construction Authority for over 10 years. For potential new school sites, assignments include initial due diligence; Phase I environmental site assessments (ESAs); and subsurface investigation of soil, groundwater, and soil vapor to determine the suitability of a site for development as a school, likely remediation requirements, and associated costs. For sites undergoing design and development, assignments include preparation of remediation plans, contract specifications, and design drawings. The work has also included conducting indoor air quality testing, vapor intrusion assessments, preparation of specifications and construction management for petroleum storage tank removals, and investigation and remediation of spills for existing schools. Due to the sensitivity of school sites, work under this contract is often conducted on short notice and during non-school hours. Under the contract, Ms. Kinal has managed several major efforts, including emergency remediation work related to flooding from Superstorm Sandy, expedited due diligence for large portfolios of proposed Universal Pre-Kindergarten (UPK and 3K) sites, and large Phase II investigations of sites with NYC Office of Environmental Remediation (OER) E-designations and/or contamination warranting potential NYSDEC involvement.

Montefiore Medical Center, Various Locations, NY

Ms. Kinal provides environmental due diligence assistance to Montefiore Medical Center (MMC) for the ongoing expansion of their facilities, primarily in the Bronx and Westchester County. She conducts and manages environmental

due diligence tasks related to their property transactions, including Phase I Environmental Site Assessments (ESAs), Phase II investigations, indoor air quality surveys/vapor intrusion assessments, and remediation cost estimates. She also assists MMC in making decisions with respect to environmental risk issues. Projects have ranged from small, single-lot properties to large hospital campuses.

Transaction Support, Confidential Client, Various Locations

Ms. Kinal provided transaction support related to the proposed sale of a large construction equipment supply company. She managed inspections of 12 of the company's storage and maintenance yards located in New York, New Jersey, Connecticut, Rhode Island and Massachusetts to assess environmental concerns, and advise the client regarding environmental liabilities related to the proposed sale. The work was completed on an expedited turnaround to comply with the due diligence time-frame.

Brooklyn Technical High School Athletic Field Improvements, Brooklyn, NY

Ms. Kinal provided environmental support services to the selected contractor for improvements to the Brooklyn Tech H.S. athletic field facilities. These services included: preparation of an in situ sampling plan for waste characterization and disposal; supervision of waste characterization sampling activities; development and implementation of a community air monitoring program during all soil disturbance; and coordination for removal of a petroleum storage tank discovered construction.

Street-Works Development, Hamilton Green (200 Hamilton Avenue), White Plains, NY

AKRF prepared the EIS under the New York State Environmental Quality Review Act (SEQRA) and provided site planning and environmental services for the development of Hamilton Green—a new vibrant, mixed-use community in downtown White Plains, NY. Ms. Kinal managed environmental due diligence and remediation planning for the project, which included Phase I and II environmental assessments, a petroleum Spill investigation, preparation of remediation cost estimates, and application and acceptance to the NYSDEC Brownfield Cleanup Program (BCP).

Redevelopment at Polychrome R&D and Manufacturing Sites, AvalonBay, Yonkers, NY

Ms. Kinal served as the Engineer of Record for remediation of the former Polychrome research and development (R&D) site, a NYSDEC Brownfield redevelopment project along the Hudson River. The remediation included hot spot excavation, LNAPL collection, in-situ soil stabilization (ISS), soil management, groundwater treatment, dewatering, shoreline permitting, groundwater discharge permitting, and a site-wide engineered cover systems, including a vapor barrier and sub-slab depressurization system (SSDS). Ms. Kinal reviewed the design documents, supervised field inspections, provided support to the project team regarding contractor submittals and field changes, and certified the Final Engineering Report and Site Management Plan. The Site received its Certificate of Completion in December 2019.

New York City Department of Design & Construction (NYCDDC), East Side Coastal Resiliency (ESCR), New York, NY

AKRF was retained by the NYCDDC to provide a multi-disciplinary design for the protection of Lower Manhattan against another catastrophic hurricane. The main components of the design include levees, berms, retaining walls, cut-off walls, and increasing the ground elevation to mitigate and limit surging flood waters from entering Lower Manhattan. A large portion of the project's subsurface has been impacted by manufactured gas plant (MGP)-related contamination. Ms. Kinal serves as the Engineer of Record for MGP mitigation design components of the project. Her

work includes certification of the Mitigation Work Plan submitted to NYSDEC and review of contract specifications and drawings.

United States Tennis Association, USTA NTC Master Plan Support, Queens, NY

AKRF prepared an EIS for the New York City Departments of City Planning (DCP) and Environmental Protection (DEP) as co-lead agencies to analyze the expansion of the National Tennis Center, which includes multiple improvements and construction projects at the USTA campus over several years. As part of the EIS requirements, AKRF prepared a Remedial Action Plan for implementation during the proposed project's construction. In accordance with the RAP, vapor mitigation systems were incorporated into the design for several of the proposed structures at the facility, including two new stadiums, a new transportation center, and several practice court facilities. Ms. Kinal prepared the specifications and design drawings for the vapor mitigation and provided construction support to review contractor submittals and inspect the vapor barrier and sub-slab depressurization system installations.

New York City Economic Development Corporation (NYCEDC), Yankee Stadium, Bronx, NY

Ms. Kinal performed the hazardous materials analysis for the Draft Environmental Impact Statement for the proposed new Yankee Stadium. The analysis included a Phase I Environmental Site Assessment of the entire project area and Subsurface (Phase II) Investigation in areas where environmental conditions were identified. The Phase II investigation included geophysical surveys to search for potential underground storage tanks; and soil, soil gas, and groundwater sampling at over 40 locations to determine potential environmental impacts during and after the proposed construction. Remedial Action Plans (RAPs) and Construction Health and Safety Plans (CHASPs) were developed to specify environmental monitoring, soil management protocols, and health and safety requirements during construction of the new stadium and redevelopment of the old stadium site. Ms. Kinal also managed an extensive community air monitoring program during demolition of the old Yankee Stadium and construction of the New York City Department of Parks and Recreation's Heritage Field, which included short-term and long-term monitoring for airborne particulates and lead.

Roosevelt Union Free School District, Roosevelt UFSD

Ms. Kinal managed environmental investigation and remediation activities for the sites of three new elementary schools and a new middle school in Roosevelt, New York. Remediation activities include removal/closure of contaminated dry wells and underground petroleum storage tanks, and excavation and off-site disposal of petroleum- and pesticide-contaminated soil. Remediation of the new middle school site, which also included a sub-slab depressurization system, was conducted through coordination with the NYSDEC, NYSDOH, New York State Education Department (NYSED), and the local school district. Upon completion of the remediation and school construction, Ms. Kinal managed confirmatory indoor air testing and preparation of a Final Engineering Report to document the site clean-up. The NYSDEC issued a Certificate of Completion, allowing the new school to open on schedule.

MARC S. GODICK, LEP

SR. VICE PRESIDENT

Marc S. Godick, a Senior Vice President of the firm, has over 30 years of experience in the environmental consulting industry. Mr. Godick has broad-based environmental experience includes expertise in brownfield redevelopment, site assessment, remedial investigation, design and implementation of remedial measures, compliance assessment, and litigation support.

Education

M.E., Engineering Science/Environmental Engineering, Pennsylvania State University, 1998

B.S., Chemical Engineering, Carnegie Mellon University, 1989

Licenses/Certifications

Licensed Environmental Professional (License # 396) – State of Connecticut – 2003 - Present

40 Hour HAZWOPER and Annual Refresher Training, 1990 - Present

Supervisors of Hazardous Waste Operations (8 Hour), 1990

Professional Memberships

Chairman, Village of Larchmont/Town of Mamaroneck Coastal Zone Management Commission, 1997 – Present

Member, Westchester County Stormwater Advisory Board, 2011 – Present

Chairman/Member, Westchester County Soil and Water Conservation District, 2005 - 2010

Board of Directors, Sheldrake Environmental Center, Larchmont, New York, 2006 - 2008

Member, NYSDEC Risk-Based Corrective Action (RBCA) Advisory Group for Petroleum-Impacted Sites, 1997

Community Leadership Alliance, Pace University School of Law, 2001

Years of Experience

Year started in company: 2002

Year started in industry: 1990

RELEVANT EXPERIENCE

New York City Department of Design and Construction, East Side Coastal Resiliency, Manhattan, NY

Mr. Godick leads the environmental investigation and related support for a multidisciplinary design team selected by the New York City agency partnership of DDC, DPR, and ORR for the Feasibility Study and Pre-Scoping Services for East Side Coastal Resiliency (ESCR) project. The AKRF Team is providing design services, for 100+ year storm protection with anticipated sea level rise along the east side of Lower Manhattan. The ESCR subsurface exploration program involved a review of available utility plans and environmental reports involving manufactured gas plant (MGP) and potential petroleum-related contamination along a 2.5 mile study area from Montgomery Street to East 25th Street to develop a Subsurface Investigation Work Plan, which was approved by the NYCDEP.

The program included both public and private utility mark-out services across vast areas of the project site containing critical infrastructure to enable the installation of numerous shallow and deep borings and groundwater wells. Mr. Godick supervised the implementation of the investigation, which was completed in two phases. He was also responsible for the interpreting the wide-range of chemical parameters to evaluate critical cost and environmental impacts for the City and design team, and to prepare technical reports for submission and approval by the NYCDEP to satisfy for City Environmental Quality Review (CEQR) requirements. In addition, he continues to support the design and environmental review team, including preparation of the Hazardous Materials chapter for the Environmental Impact Statement, estimating cost impacts to the project for design and cost

recovery purposes, and developing a Soil Management Plan. Mr. Godick also managed a hydrogeologic modeling study to evaluate potential hydraulic and contaminant migration impacts associated with construction of the proposed flood control structure. Mr. Godick continues to coordinate with the NYC team, NYSDEC, and Con Edison to ensure that the design incorporates appropriate remedial measures to be implemented prior to and/or in conjunction with construction.

Remedial Design, Gowanus Canal First Street Turning Basin, New York City Department of Design and Construction (DDC)

Mr. Godick is managing the remedial design for restoration of the filled-in former First Street Turning Basin in Brooklyn, New York. The remediation is being conducted as part of an Order of Consent between the City of New York and EPA for the Gowanus Canal Superfund Site. The remedial design will include removal of fill and sediment within the fill-in basing in an approximately 475-foot by 50-foot area. The restored basin will provide enhanced waterfront access to the community and a boat launch for canoes and kayaks. Design considerations include geotechnical concerns related to adjacent buildings and new and existing bulkheads; soil and water management; landscape design; and access/construction logistics. The design in anticipated to be completed in late 2017.

Remediation & Litigation Support, 3200 Jerome Avenue, Bronx, NY (Former PS 151)

Mr. Godick managed the investigation and remediation of a former public school in the Bronx under the New York State Department of Environmental Conservation (NYSDEC) Brownfields Cleanup Program (BCP). The site was contaminated with trichloroethylene (TCE) from historic operations at the property prior to use as a school. The remedial investigation included soil, groundwater, and vapor intrusion assessment both on-site and off-site. The remedial design included excavation of the source area, in-situ chemical oxidation of groundwater, and installation of a sub-slab depressurization system (SSDS) to address to potential vapor intrusion. Implementation of the remedy was complete in late 2014. The completed remediation allows for future multi-family residential, educational, childcare, and/or medical uses. Mr. Godick also provided litigation support in connection with a cost recovery claim against the former operator of the site.

Remediation & Litigation Support, Queens West Project, Avalon Bay Communities, Queens, NY

For over 20 years, AKRF has played a key role in advancing the Queens West development, which promises to transform an underused industrial waterfront property into one of largest and most vibrant mixed-use communities just across the East River from the United Nations. AKRF prepared an Environmental Impact Statement (EIS) that examines issues pertaining to air quality, land use and community character, economic impacts, historic and archaeological resources, and infrastructure. As part of this project, Mr. Godick managed one of the largest remediation projects completed under the NYSDEC BCP at the time that was contaminated by coal tar and petroleum. The remedy included the installation of a hydraulic barrier (sheet pile cut off wall), excavation of contaminated soil under a temporary structure to control odors during remediation, a vapor mitigation system below the buildings, and implementation of institution controls. The investigation, remediation design, and remedy implementation, and final sign-off (issuance of Certificate of Completion) were completed in two years. Total remediation costs were in excess of $13 million. Following completion of the remediation, Mr. Godick developed a cost allocation model and provided litigation support for a cost recovery action against a former operator of the site, including participation in a deposition as a fact witness prior to settlement between the parties.

On-Call Environmental Consulting Services (Various Locations), New York City Mayor's Office of Environmental Remediation (OER) (administered by NYCEDC)

Mr. Godick is managing an on-call contract with the OER for brownfields environmental assessment and remediation. The work has included conducting Phase I environmental site assessments (ESAs) and multi-media sampling of soil, groundwater, and soil vapor for various sites funded by EPA grants. The work plans and investigation reports were completed in accordance with OER and EPA requirements. AKRF also developed a remedial plan for a former gas station site in the Bronx and implemented a remedial plan for capping a park site in Staten Island. In addition, Mr. Godick is providing support to OER and an affordable housing developer to expedite an application for entry into the New York State Department of Environmental Conservation

(NYSDEC) Brownfield Cleanup Program (BCP), as well as preparation and implementation of the remedial investigation and remedial plan.

On-Call Environmental Consulting (Various Locations), New York City School Construction Authority

Mr. Godick is managing an on-call contract with the SCA for environmental assessment, remedial design, and plumbing disinfection. For new school sites, initial due diligence involves conducting Phase I environmental site assessments (ESAs) and multi-media sampling of soil, groundwater, and soil vapor to determine the suitability of a site for development as a school and remediation requirements and associated costs. Once design for a school is underway, AKRF would prepare remediation plans and construction specifications and oversee the construction activities. For existing school sites, the work can involve conducting Phase I ESAs and indoor air quality testing, preparation of specifications, supervision of storage tank removals, investigation and remediation of spills, and development of remediation cost estimates. AKRF also oversees plumbing disinfection work, which is required prior to new plumbing being placed into service. The assignments involve reviewing and commenting on disinfection plans, supervision of the disinfection and confirmation testing, and preparation of a report documenting the work was conducted in accordance with the specifications and applicable requirements. Due to the sensitivity of school sites, work under this contract is often conducted on short notice and during non-school hours. Mr. Godick also manages AKRF's potable water sampling (for lead) work for SCA, including providing recommendations for mitigating exceedances.

Remediation, Former Industrial Laundry/Dry Cleaning Plant, 2350 Fifth Avenue. New York, NY

Mr. Godick managed the assessment, cleanup and post-remedial operations, maintenance and monitoring of the only NYSDEC listed inactive hazardous waste (State Superfund) site in Manhattan, a former laundry/dry cleaning plant in Harlem. Remedial investigation included evaluation of soil, groundwater, soil vapor, indoor air, and building materials. Interim remediation included the removal of contaminated building materials and operation of a sub-slab vapor extraction system retrofitted into the existing building. Mr. Godick coordinated with the regulatory agencies, site owner and occupants; and managed the investigation, remedial design, and remedial implementation activities. Phase 1 of the Remedial Action Work Plan consisted of further removal of contaminated building materials. Phase 2 of the remediation included a sub-slab depressurization system (SSDS) retrofitted into the existing building, soil vapor extraction (SVE) system, and chemical oxidation injection. Remedial action work was completed in 2014 and documented in a Final Engineering Report. NYSDEC issued Certificate of Completion in January 2015 and the site has been reclassified to a "Class 4" site (site properly closed – requires continued management). Mr. Godick continues to manage the project, including operations, maintenance and monitoring of the SSDS and SVE system under the NYSDEC-approved Site Management Plan.

606 West 57th Street, New York, NY, TF Cornerstone

AKRF has been retained by TF Cornerstone to provide environmental services for the proposed redevelopment of a portion of the block bounded by Eleventh and Twelfth Avenues and West 56th and 57th Streets. The proposed actions included a zoning map amendment, zoning text amendments, a special permit, and an authorization to facilitate development of approximately 1.2 million square feet of residential and retail space. AKRF prepared an Environmental Impact Statement (EIS) for the New York City Department of City Planning (DCP) to analyze the effects of the proposed actions and development of the proposed building. The EIS addressed the full range of environmental impacts associated with the proposed development.

Mr. Godick was responsible for the elements of the EIS pertaining to hazardous materials, including coordination of a Phase I ESA and summarizing pertinent site information for the hazardous materials and construction chapters. Mr. Godick provided pre-acquisition support to TF Cornerstone, which included development of a remedial cost estimate report to outline remediation cost during site development. Mr. Godick also managed work related to the subsurface investigation, localized remediation (chemical injection and limited excavation beneath the building basement) and regulatory closure of a petroleum spill on a portion of the project site to satisfy NYSDEC requirements. After EIS certification, Mr. Godick coordinated approvals with NYCOER, the regulatory agency overseeing remedial measures related to the redevelopment of the site. The Site has an (E) Designation and is participating in the New York City Voluntary Cleanup Program. Mr. Godick managed the preparation of a Phase II Investigation Work Plan, Remedial Investigation Report, Remedial Action Work Plan (RAWP), and contractor

specifications for soil management and tank and hydraulic lift removal. Mr. Godick managed implementation of the remediation in accordance with the RAWP.

164 Kent Avenue, Brooklyn, NY (AKA Northside Piers and 1 North 4th Place), RD Management, L&M Development, Toll Brothers, and Douglaston Development

The project was a multi-phase development consisting of a large waterfront block in the Williamsburg Rezoning Area. The project site has been developed with a mixed-use residential-commercial high rise towers with an esplanade and a pier along the East River. AKRF provided acquisition and development support, including performing Phase I and II environmental site assessments and development of remedial cost estimates for development, and preparation of Remedial Action Plans (RAPs) and Construction Health and Safety Plan (CHASPs) for approval by DEP and OER. AKRF provided assistance with construction oversight during soil handling activities and managing the Community Air Monitoring Plan (CAMP) activities. Closure reports were prepared and the project is fully built-out and occupied.

Site Investigation–Over 20 Facilities, Con Edison, New York, NY

Mr. Godick managed site investigations associated with petroleum, dielectric fluid, and PCB releases at over 20 Con Edison facilities including service centers, substations, generating stations, and underground transmission and distribution systems. Site investigations have included due diligence site reviews, soil boring installation, monitoring well installation, hydrogeologic testing, and water quality sampling. Risk-based closures were proposed for several sites.

Underground Storage Tank Closure and Site Remediation–Program Management, Con Edison, New York, NY

Mr. Godick provided technical assistance to Con Edison in developing technical submittals and budgets associated with tank closures at over 50 facilities. Technical summaries were prepared for submittal of contractor-prepared closure reports to the NYSDEC. The summaries included a review of historic pre-closure assessments, tank closure data, and provided recommendations for additional assessment, remediation or closure. Subsequently, a three-year program budget was developed for implementation of the UST investigation/remedial program, which Con Edison utilized for internal budgeting purposes.

Site Investigation–7 World Trade Center Substation, Con Edison, New York, NY

Mr. Godick managed the site investigation at the former 7 World Trade Center Substation in an effort to delineate and recover approximately 140,000 gallons of transformer and feeder oil following the collapse of the building. The project involved coordination with several crews, Con Edison, and other site personnel.

Site Investigation–Former Manufactured Gas Plant (MGP) Facilities, Con Edison, New York, NY

Mr. Godick managed site investigations at four former manufactured gas plant (MGP) facilities. The investigations were completed at Con Edison substations, a flush pit facility, and a service center to support remedial design and expansion at select locations. The findings from these characterizations were used by Con Edison to make appropriate changes to the design specifications and to plan for appropriate handling of impacted materials and health and safety protocols during future construction activities.

National Grid – Halesite Manufactured Gas Plant Site Remediation, Town of Huntington, NY

Mr. Godick managed the remedial design and engineering work associated with remediation of National Grid's former MGP located in the Town of Huntington. The site is situated in a sensitive location along the waterfront, surrounded by commercial and residential properties, and half the property where the remediation was conducted was a steep slope. The remedy consisted of soil removal, oxygen injection, and non-aqueous phase liquid recovery. Mr. Godick was responsible for the development of the remedial work plans, design/construction documents, landscape architecture, confirmatory sampling, air monitoring, supervision, and preparation of close-out documentation in accordance with NYSDEC requirements.

Verizon, Investigation & Remediation, Various Locations, NY, PA and DE

Mr. Godick managed over 50 environmental investigations and remediation projects related to petroleum releases at various facilities. Responsibilities included annual budgeting, day-to-day project management, development and

implementation of soil and ground water investigation workplans, ground water modeling, risk evaluation, remedial action work plans, remedial design, system installation, waste disposal, well abandonment, and operation and maintenance. Many of the assessment and remedial projects followed a risk-based approach. Remedial technologies implemented included air sparging, soil vapor extraction, bioremediation, pump and treat, soil excavation, and natural attenuation.

Storage Tank Management, Verizon, Various Locations, NY, PA, DE, and MA

Mr. Godick managed the removal and replacement of underground and aboveground storage tank systems for Verizon in New York, Pennsylvania, Delaware, and Massachusetts. Responsibilities included the management of design, preparation of specifications, contractor bidding, construction oversight, project budget, and documentation. For selected AST sites, managed the development of Spill Control, Contingency and Countermeasures (SPCC) plans.

Litigation Support, Cost Recovery Action, Gowanus Superfund Site, New York

Mr. Godick provided technical support to one of the 40+ potential responsible parties (PRPs) associated with a Federal Superfund site in New York State, which included conducting a liability assessment for the various parties and development of a cost allocation model.

Litigation Support, Cost Recovery Action, New York State Superfund Site

Mr. Godick provided technical support for the former owner of a New York State Superfund site in upstate New York. The owner of the property brought a cost recovery action against our client as a PRP. Mr. Godick completed a technical review of the draft Remedial Investigation/Feasibility Study prepared by the opposing party's consultant to develop a more cost effective remedial strategy and to better position the client for liability allocation as part of future settlement negotiations. Mr. Godick also developed a cost allocation report that included a model for settlement negotiations, as well as participated in mediation.

Litigation Support & Remediation, Former Service Station, Brooklyn, New York

Mr. Godick took over management of remediation of an inactive service station (formerly conducted by another firm). His approach outlined additional characterization and remediation efforts which resulted in successful closure of the spill by NYSDEC within two years. Mr. Godick testified as an expert witness at a hearing in the New York State Supreme Court of Kings County to determine the adequacy of the remediation efforts.

Litigation Support, Cost Recovery Action, Town of Carmel, New York

Mr. Godick served as an expert witness representing the owner of a property in a landlord-tenant dispute, which was used as a gasoline station and oil change facility. Mr. Godick prepared exhibits, testified, and participated in meetings with NYSDEC to support the landlord's claim that the oil change tenant's practices were poor and were adversely affecting the environment and the overall facility systems at the site.

Litigation Support, Cost Recovery Action, New York State Petroleum Spill Site, New York, NY

Mr. Godick provided technical support for the former owner of a New York City multi-unit residential apartment building. The State of New York brought a cost recovery action against our client as a result of a previous spill from a former underground storage tank. Mr. Godick reviewed invoices and project documentation to dispute work performed by the NYSDEC, which provided the basis for settlement at a fraction of the initial claim.

Litigation Support, Class Action Lawsuit, Confidential Client, NJ

Mr. Godick provided technical support for a class action suit involving a petroleum-impacted community water supply in southern New Jersey. The technical assistance included analysis of expert testimony and coordination with legal counsel in preparing for cross-examination of the opposing party's lead expert witness.

Cost Analysis, Environmental Insurance Claims, Various Locations

Mr. Godick provided technical support for cost analyses completed for a large national insurance company related to several former MGP and other industrial sites. Responsibilities included evaluation and development of cost-effective remedial strategies, as well as compilation of detailed costs for remedial action implementation and closure.

KENNETH A. WILES

ENVIRONMENTAL SCIENTIST – SENIOR TECHNICAL DIRECTOR

Kenneth Wiles is an Environmental Scientist with twelve years of environmental assessment and remediation experience. He has performed and managed numerous site and remedial investigations, supervised and developed work plans for subsurface soil, groundwater, and soil vapor intrusion investigations; and remedial actions, and underground storage tank (UST) removals for a wide variety of clients and property types. Kenneth has been a critical member managing large profile projects, in addition to smaller projects, and responsible for project/client/contract management, preparing proposals, and preparing compliance reports, for several environmental remediation projects. He is certified in Occupational Safety and Health Administration Hazardous Waste Operations and Emergency Response (OSHA HAZWOPER) and is knowledgeable in Geographic Information System (GIS), AutoCAD, and Microsoft Project. Kenneth is experienced in numerous field activities, including environmental sampling, monitoring well installation and advancement of soil boring oversight, and contractor oversight.

BACKGROUND

Education
MS, Lehigh University, Earth and Environmental Sciences, 2010
BS, Juniata College, Environmental Science, 2008

Licenses/Certifications
OSHA 10 Hour Construction Safety & Health Course
OSHA 40 Hour HAZWOPER
OSHA 8 Hour Refresher

Professional Memberships
North Carolina Association of Environmental Professionals

Years of Experience
12 years in the industry
7 years with AKRF

RELEVANT EXPERIENCE

100 Franklin Street, New York, NY

AKRF completed a Phase I Environmental Site Assessment, Phase II Environmental Site Investigation, prepared a Remedial Action Work Plan, a NYCDEP Dewatering Application and Permit, and performed soil waste classification sampling (which required the preparation of a NYC Transit Subsurface Investigation Permit to perform the associated soil borings) for the proposed redevelopment for a 29,564-square foot, eight-story mixed-use building with a cellar. AKRF completed a Phase I Environmental Site Assessment (ESA), Phase II ESI, prepared a Remedial Action Work Plan, a NYCDEP Dewatering Application and Permit, and performed soil waste classification sampling (which required the preparation of a NYC Transit Subsurface Investigation Permit to perform the associated soil borings) for the proposed redevelopment for a 29,564-square foot, eight-story mixed-use building with a cellar.

Kenneth Wiles served as Deputy Project Manager and coordinated with the client and contactors, supervised field staff during on-site remediation activities, and compiled and evaluated field data to prepare associated project reports and permits.

KENNETH A. WILES

ENVIRONMENTAL SCIENTIST - SENIOR TECHNICAL DIRECTOR

1100 Myrtle Avenue, Brooklyn, NY

AKRF prepared a Remedial Investigation Work Plan (RIWP) for New York City Mayor's Office of Environmental Remediation (OER) and performed the associated Remedial Investigation. Following, the site was accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP), which AKRF prepared the application. AKRF also prepared the BCP RIWP.

As the Project Manager, Kenneth Wiles coordinated with the client and subcontractors, supervised field staff during on-site investigation activities, and prepared the project's reports.

29 Jay Street, Brooklyn, NY

AKRF has provided site assessment/remediation, air quality, and noise E-Designation services to obtain approval for the remediation and start of construction on a new commercial office building at 29 Jay Street in the DUMBO neighborhood of Brooklyn, NY. We will continue to be on-site daily to conduct community air monitoring and oversee the removal of petroleum and hazardous-lead contaminated soil. Kenneth Wiles served as Project Manager.

East Side Coastal Resiliency (ESCR) Preliminary & Final Design, New York, NY

AKRF is leading a multidisciplinary design team that was selected by the New York City agency partnership of NYCDDC, New York City Department of Parks and Recreation (NYCDPR), New York City Department of Transportation, and the Mayor's Office of Recovery and Resiliency (ORR) to provide engineering, planning, landscape architecture, urban design and community engagement services for the Preliminary and Final Design Services for East Side Coastal Resiliency (ESCR).

Kenneth Wiles' responsibilities included preparing the Supplemental Subsurface Investigation Work Plan, managing the associated field investigation activities, compiling and evaluating the field data to prepare the Supplemental Subsurface Investigation Report, spearheaded the effort for generating environmental cross-sections throughout the project site, and preparing the Mitigation Work Plan and supporting reports for NAPL recovery via several recovery wells.

Rego Park Home Depot, Ridgewood, NY

Solvent contamination was encountered during retail development of a former industrial property in Rego Park, Queens, New York. The site work included an extensive investigation and a multi-phase remediation performed under the NYSDEC Voluntary Cleanup Program (VCP). Remediation included removal of aboveground and underground storage tanks (ASTs and USTs) and hotspot soil removal. An Air Sparging/Soil Vapor Extraction (AS/SVE) groundwater remediation system designed by AKRF was installed as part of the building construction. Continued remediation work included upgrading and expanding the AS/SVE system after the store was opened. AKRF continues operations, maintenance, and monitoring under the NYSDEC-approved Site Management Plan.

Kenneth Wiles prepared the Remedial Optimization Work Plan (ROWP) and associated work plan update and assisted in the preparation and implementation of the ROWP, including the procurement of the subcontractors.

609-611 West 56th Street (823 Eleventh Avenue), New York, NY

AKRF is providing site assessment and remediation services for 611 West 56th Street (aka 823 Eleventh Avenue), a 37-story, 80-unit condominium building in Hell's Kitchen, Manhattan. We facilitated the 10,000-square-foot site's enrollment in the New York City Voluntary Brownfield Cleanup Program. AKRF performed a remedial investigation to

compile and evaluate data and information necessary to develop a Remedial Action Work Plan; performed the required sampling and prepared the application package to obtain a NYCDEP construction dewatering permit; performed waste classification sampling to characterize the soil for off-site disposal; and oversaw construction excavation activities to ensure compliance with the Remedial Action Work Plan.

As Project Manager, Kenneth Wiles was responsible for coordinating/directing field staff for construction oversight, preparing the NYCDEP dewatering permit, managing the waste characterization sampling event and preparing the associated report, and assisting in the preparation of the RAWP.

Gowanus Canal First Street Turn Basin, New York, NY

AKRF performed professional services for the remedial design for restoration of the Filled-in Former First Street Turning Basin adjacent to the Gowanus Canal in Brooklyn, New York. The remediation is being conducted as part of an Order of Consent between the City of New York and USEPA for the Gowanus Canal Superfund Site. The remedial design will include removal of fill and sediment within the filled-in turning basin in an approximately 475-foot by 50-foot area and the creation of a wetland shelf. Design considerations include geotechnical concerns related to adjacent buildings and new and existing bulkheads; soil and water management; landscape design; and access/construction logistics. The project design is anticipated to be completed in 2020.

Kenneth Wiles manages the design team subconsultants, prepares report submittals, compiles and integrates several report components into larger report submittals, coordinates the implementation of field activities, and coordinates requirements pertaining to the prime contract with NYC Department of Design and Construction (DDC).

New York City School Construction Authority (NYCSCA) On-Call Contract for Environmental Consulting Services, Various Sites in New York, NY

AKRF provides the NYCSCA environmental consulting services for schools undergoing design and development. As Environmental Scientist, Kenneth Wiles prepares contract specifications and reviews contractor submittals for compliance with the specification requirements. The work has also included the investigation of underground storage tanks (USTs) for existing schools. Due to the sensitivity of school sites, work under this contract is often conducted on short notice and during non-school hours.

The Max at 606 West 57th Street, New York, NY

AKRF was been retained by TF Cornerstone to provide environmental services for the redevelopment of a portion of the block bounded by Eleventh and Twelfth Avenues and West 56th and 57th Streets. AKRF prepared an Environmental Impact Statement (EIS) for the NYC Department of City Planning (DCP) to analyze the effects of the proposed actions and development of the proposed building. The EIS addressed the full range of environmental impacts associated with the proposed development. After completion of the EIS, the client enrolled in the NYC Voluntary Brownfield Cleanup Program to investigate and remediate the 83,260-square foot site for planned redevelopment. A remedial investigation was performed to compile and evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP) pertaining to the planned development. AKRF performed oversight of the construction excavation activities to ensure compliance with the RAWP.

Kenneth Wiles was responsible for coordinating/directing field staff for construction oversight activities for compliance with the RAWP, and assisting in the preparation of the Remedial Closure Report.

KENNETH A. WILES

ENVIRONMENTAL SCIENTIST - SENIOR TECHNICAL DIRECTOR

432 East 14th Street, Environmental Management Specifications, Design Coordination and Pre-Characterization of Soil for Off-site Disposal, New York, NY

AKRF completed a Phase II Environmental Site Investigation, prepared a Remedial Action Work Plan, UST Removal Report, and performed soil waste classification sampling for the redevelopment of the site, which formerly consisted of a 23,000-square foot, two-story United States Postal Service office. The soil waste characterization sampling identified hazardous soil, which was successfully managed and disposed of at a licensed facility.

Kenneth Wiles served as Deputy Project Manager and coordinated with the client and contractors, supervised field staff during day-to-day on-site remediation activities, reviewed contractor submittals, and prepared compliance reports including the remedial closure report.

West Side Federation for Senior and Supportive Housing, WSFSSH West 108th Street, New York, NY

AKRF performed a Phase I Environmental Site Assessments and Phase II Environmental Site Investigation (ESI), on behalf of the NYC Office of Environmental Remediation for the proposed redevelopment of four lots. The Phase II ESI Work Plan consisted of an EPA compliant Quality Assurance Project Plan (QAPP). AKRF additionally prepared a Remedial Action Work Plan (RAWP) and supplemental Phase II ESI.

Kenneth Wiles supervised field staff during on-site investigation activities, provided review of the Phase II ESI and RAWP, and drafted contractor specifications for the redevelopment.

New York City Department of Design & Construction, On-Call Contract (HWEARC03), New York, NY

As part of a joint venture, AKRF has been awarded a contract to provide on-call EASs and engineering support to the DDC infrastructure division for various projects throughout the city. The services provided under this contract vary from EASs, property acquisition support, stormwater drainage and water quality analysis to traffic studies, preparation of PDI reports, mapping, roadway design, and ULURP support. AKRF's primary responsibilities include implementation and monitoring of the task orders issued under the contract, and the firm is directly responsible for project management, staffing, schedule, and budgetary requirements of the contract, as well as completing roadway and infrastructure designs, preparing ULURP maps and applications, EASs, PDIs and Damage and Acquisition Maps.

Kenneth Wiles' responsibilities included preparing the Supplemental Subsurface Investigation Work Plan, managing the associated field investigation activities, compiling and evaluating the field data to prepare the Supplemental Subsurface Investigation Report, spearheaded the effort for generating environmental cross-sections throughout the project site, and preparing the Mitigation Work Plan and supporting reports for NAPL recovery via several recovery wells.

New York City School Construction Authority, On-Call Environmental Consulting, New York, NY

For new school sites, initial due diligence involves conducting Phase I environmental site assessments (ESAs) and multi-media sampling of soil, groundwater, and soil vapor to determine the suitability of a site for development as a school and remediation requirements and associated costs. Once design for a school is underway, AKRF would prepare remediation plans and construction specifications and oversee the construction activities. For existing school sites, the work can involve conducting Phase I ESAs and indoor air quality testing, preparation of specifications, supervision of storage tank removals, investigation and remediation of spills, and development of remediation cost estimates.

Kenneth Wiles prepared contract specifications and reviews contractor submittals for compliance with the specification requirements. The work has also included the investigation of underground storage tanks (USTs) for existing schools.

MACKENZIE MILLER

ENVIRONMENTAL SCIENTIST

Mackenzie Miller is an Environmental Scientist at AKRF. She has experience in a laboratory setting, as well as participating in scientific field work, writing, and analysis. Her environmental consulting experience includes implementing Phase I Environmental Site Assessments and Phase II Environmental Site Investigations; implementing Indoor Air Quality Surveys; overseeing remedial action programs under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) and NYC Office of Environmental Remediation (OER) E-Designation program, including soil excavation, community air monitoring, remedial system installation, and collection of environmental samples.

BACKGROUND

Education
BA, University of Colorado at Boulder, Environmental Studies, 2020
BA, University of Colorado at Boulder, Ecology & Evolutionary Biology, 2020

Licenses/Certifications
OSHA Safety Training Institute – 30-Hour Construction Safety and Health Certification
OSHA Safety Training Institute – 40-Hour Hazardous Waste and Emergency Response Certification
NYC SST – 8-Hour Fall Prevention for Construction Certification
New York State Conservation District – Certificate of Erosion and Sediment Control Training (exp. July 2023)

Years of Experience
5 years in the industry
3 years with AKRF

RELEVANT EXPERIENCE

80614.04, New York City Economic Development Corporation, New York City Public Health Laboratory, New York, NY

AKRF is providing site assessment/remediation services on behalf of the New York City Economic Development Corporation and the Department of Health and Mental Hygiene for a new 10-story, 240,000-square-foot Public Health Laboratory on the Harlem Hospital campus in Manhattan. The $454 million building will allow for testing and services for a wide range of clinical and environmental health-related concerns related to microbiology, virology, immunology, and biosafety. The topping-out ceremony was held in September 2023. Mackenzie is providing air monitoring in accordance with the site-specific Community Air Monitoring Plan (CAMP) during remedial excavation activities, on-site field inspections for construction oversight, overseeing soil export manifests, and documenting construction and remedial activities performed under the NYSDEC -approved BCP Remedial Action Work Plan (RAWP).

80619, New York City School Construction Authority, On-Call Environmental Consulting (Multiple) Contracts, Various Locations, New York, NY

For new school sites, initial due diligence involves conducting Phase I environmental site assessments (ESAs) and multi-media sampling of soil, groundwater, and soil vapor to determine the suitability of a site for development as a school and remediation requirements and associated costs. Once design for a school is underway, AKRF would prepare remediation plans and construction specifications and oversee the construction activities. For existing school sites, the work can involve conducting Phase I ESAs and indoor air quality testing, preparation of specifications, supervision of storage tank removals, investigation and remediation of spills, and development of remediation cost estimates. Mackenzie is

providing on-site field inspections, overseeing drinking water disinfection and sampling protocol associated with installation of new plumbing fixtures, and documenting daily activities performed for task orders at various SCA sites.

210379, NYCHA PACT Williamsburg Houses, Brooklyn, NY

AKRF is providing professional environmental services in connection with the Williamsburg Houses site, which consists of 20 four-story residential buildings situated on four city blocks in Williamsburg, Brooklyn. The site is being rehabilitated under NYCHA's Permanent Affordability Commitment Together (PACT) program. AKRF is providing remedial engineering services, assisting the Client with soil management services including testing, import and export), and vapor mitigation work required under a NYCDEP-approved Remedial Action Work Plan (RAWP). As the RAWP was prepared by a prior consulting firm, AKRF successfully amended the RAWP to reduce certain monitoring and vapor mitigation requirements on behalf of tour Client. At the conclusion of AKRF's work, we will document all activities in a Remedial Closure Report (RCR) for approval by NYCDEP. Mackenzie is providing air monitoring in accordance with the site-specific Community Air Monitoring Plan (CAMP) during remedial excavation activities, on-site field inspections for construction oversight, overseeing soil export manifests, and documenting construction and remedial activities performed under the NYSDEC -approved BCP Remedial Action Work Plan (RAWP).

Phipps Houses, Lambert Houses Redevelopment, Bronx, NY

AKRF is providing a range of services to Phipps Houses for the phased redevelopment of their Lambert Houses complex in the West Farms neighborhood of the Bronx. The current Lambert Houses will be demolished and replaced with new buildings on nearly 12 acres of the Bronx Park South Large-Scale Residential Development area, increasing by 1,000 the number of permanently affordable housing units along with tenant amenities, retail space, and community facilities. AKRF prepared the Environmental Impact Statement pursuant to CEQR, SEQRA, and NEPA guidelines for the entire redevelopment, and has since provided site assessment/remediation services along with civil engineering and permitting for buildings on Parcels 3 and 5. We have also provided civil engineering and resident engineering inspection services for NYCDEP utility improvements and supported a city map change application pursuant to ULURP. AKRF has also been responsible for noise and air quality consulting related to the property's E-Designation. Mackenzie is providing air monitoring in accordance with the site-specific Community Air Monitoring Plan (CAMP) during remedial excavation activities, on-site field inspections for construction oversight, overseeing soil export manifests, and documenting construction and remedial activities performed under the NYSDEC -approved BCP Remedial Action Work Plan (RAWP), including engineering controls such as the Sub-Slab Depressurization System (SSDS) and collection of environmental documentation and waste characterization samples.

190021, 272 4th Avenue, Brooklyn, NY

AKRF is providing site assessment/remediation services for a proposed residential apartment building at 272-274 Fourth Avenue in Gowanus, Brooklyn. Mackenzie is providing air monitoring in accordance with the site-specific Community Air Monitoring Plan (CAMP) during remedial excavation activities, on-site field inspections for construction oversight, overseeing soil export manifests, and documenting construction and remedial activities performed under the NYSDEC -approved BCP Remedial Action Work Plan (RAWP), including engineering controls such as the Sub-Slab Depressurization System (SSDS) and collection of environmental documentation and waste characterization samples.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Personnel Resume

Carl Armbruster
QA Manager

Qualifications Summary

Mr. Armbruster has over 30 years of experience in the environmental laboratory and engineering industry that includes extensive technical, management/leadership experience in all aspects of the laboratory business. He is an action-oriented manager dedicated to ensuring the laboratory maintains a quality program that holds the highest credentials in PT scores, accreditations and customer satisfaction. His unique experience lends itself to working successfully with employees, managers and clients at all levels.

Professional Experience

Quality Assurance Manager – TestAmerica Edison - 2005 to Present

Mr. Armbruster is responsible for establishing and implementing the quality assurance program at the Edison facility; and for interfacing with the corporate Quality Assurance Director to ensure adherence with the overall Quality Management Plan. He is also responsible for monitoring implementation and compliance with NELAC and TestAmerica's QMP, conducting annual management system audits and data audits, as well as providing regulatory updates and technical support to the Laboratory Director, Operations Manager, Client Services and Sales department.

Project Manager/Assistant Technical Director – STL Edison --2000 to 2005

Laboratory Director − STL Whippany − 1998 to 2000

Account Manager − Clean Harbors Environmental Services − 1997 to 1998

Laboratory Manager − Waste Management Inc., and Chemical Waste Management Inc − 1988 to 1997

Environmental Scientist − ICF Technology − 1987 to 1988

Analytical Chemist − IT Corporation – 1985 to 1987

Analytical Chemist − Hess Environmental Laboratories – 1983 to 1985

Education

- MS in Biology – East Stroudsburg University, 1984
- BS in Environmental Studies - East Stroudsburg University, 1980

L.A.B. Validation Corp., 14 West Point Drive, East Northport, New York 11731

Lori A. Beyer

SUMMARY: General Manager/Laboratory Director with a solid technical background combined with Management experience in environmental testing industry. Outstanding organizational, leadership, communication and technical skills. Customer focused, quality oriented professional with consistently high marks in customer/employee satisfaction.

EXPERIENCE:

1998-Present L.A.B. Validation Corporation, 14 West Point Drive, East Northport, NY
President

- Perform Data Validation activities relating to laboratory generated Organic and Inorganic Environmental Data.

1998-Present American Analytical Laboratories, LLC. 56 Toledo Street, Farmingdale, NY
Laboratory Director/Technical Director

- Plan, direct and control the operation, development and implementation of programs for the entire laboratory in order to meet AAL's financial and operational performance standards.
- Ensures that all operations are in compliance with AAL's QA manual and other appropriate regulatory requirements.
- Actively maintains a safe and healthy working environmental that is demanded by local laws/regulations.
- Monitors and manages group's performance with respect to data quality, on time delivery, safety, analyst development/goal achievement and any other key performance indices.
- Reviews work for accuracy and completeness prior to release of results to customers.

1996-1998 Nytest Environmental, Inc. (NEI) Port Washington, New York
General Manager

- Responsible for controlling the operation of an 18,000 square foot facility to meet NEI's financial and operational performance standards.
- Management of 65 FTEs including Sales and Operations
- Ensure that all operations are in compliance with NEI's QA procedures
- Ensures that productivity indicators, staffing levels and other cost factors are held within established guidelines
- Maintains a quantified model of laboratory's capacity and uses this model as the basis for controlling the flow of work into and through the lab so as to ensure that customer requirements and lab's revenue and contribution targets are achieved.

1994-1996 Nytest Environmental, Inc. (NEI) Port Washington, New York
Technical Project Manager

- Responsible for the coordination and implementation of environmental testing programs requirements between NEI and their customers
- Supervise Customer Service Department
- Assist in the development of major proposals
- Complete management of all Federal and State Contracts and assigned commercial contracts
- Provide technical assistance to the customer, including data validation and interpretation
- Review and implement Project specific QAPP's.

1995-1996 Nytest Environmental, Inc. (NEI) Port Washington, New York
Corporate QA/QC Officer

- Responsible for the implementation of QA practices as required in the NJDEP and EPA Contracts
- Primary contact for NJDEP QA/QC issues including SOP preparation, review and approval
- Responsible for review, verification and adherence to the Contract requirements and NEI QA Plan

1992-1994 Nytest Environmental, Inc. (NEI) Port Washington, New York
Data Review Manager

- Responsible for the accurate compilation, review and delivery of analytical data to the company's customers. Directly and effectively supervised a department of 22 personnel.
- Managed activities of the data processing software including method development, form creation, and production
- Implement new protocol requirements for report and data management formats
- Maintained control of data storage/archival areas as EPA/CLP document control officer

1987-1991 Nytest Environmental, Inc. (NEI) Port Washington, New York
Data Review Specialist

- Responsible for the review of GC, GC/MS, Metals and Wet Chemistry data in accordance with regulatory requirements
- Proficient with USEPA, NYSDEC, NJDEP and NEESA requirements
- Review data generated in accordance with SW846, NYSDEC ASP, EPA/CLP and 40 CFR Methodologies

1986-1987 Nytest Environmental, Inc (NEI) Port Washington, New York
GC/MS VOA Analyst

EDUCATION:

1982-1985 State University of New York at Stony Brook, New York; BS Biology/Biochemistry
1981-1982 University of Delaware; Biology/Chemistry
5/91 Rutgers University; Mass Spectral Data Interpretation Course, GC/MS Training
8/92 Westchester Community College; Organic Data Validation Course
9/93 Westchester Community College; Inorganic Data Validation Course

Form **W-9**
(Rev. December 2011)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

Print or type
See Specific Instructions on page 2.

Name (as shown on your income tax return)
L.A.B VALIDATION CORP

Business name/disregarded entity name, if different from above

Check appropriate box for federal tax classification:
☐ Individual/sole proprietor ☐ C Corporation ☒ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liabilty company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶

☐ Other (see instructions) ▶

☐ Exempt payee

Address (number, street, and apt. or suite no.)
14 WEST POINT DRIVE

Requester's name and address (optional)

City, state, and ZIP code
EAST NORTHPORT, New York 11731

List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number
☐☐☐ - ☐☐ - ☐☐☐☐

Employer identification number
58 - 2381714

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here Signature of U.S. person ▶ Lou A. Bey Date ▶ 01/18/13

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

Westchester Community College

Professional Development Center

Awards this Certificate of Achievement To

LORI BEYER

for Successfully Completing

ORGANIC DATA VALIDATION COURSE (35 HOURS)

Dr. John Samuelian

Date AUGUST 1992

Assistant Dean
Professional Development Center

President

The Professional
Development Center

SUNY
WESTCHESTER COMMUNITY COLLEGE
Valhalla, New York 10595

Westchester Community College

Professional Development Center

Awards this Certificate of Achievement To

LORI BEYER

for Successfully Completing

INORGANIC DATA VALIDATION

Instructor: Dale Boshart

Date MARCH 1993

Assistant Dean
Professional Development Center

President

The Professional
Development Center

SUNY
WESTCHESTER COMMUNITY COLLEGE
Valhalla, New York 10595

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233

Thomas C. Jorling
Commissioner

July 8, 1992

Ms. Elaine Sall
Program Coordinator
Westchester Community College
Valhalla, NY 10595-1698

Dear Elaine,

Thank you for your letter of June 29, 1992. I have reviewed the course outline for organic data validation, qualifications for teachers and qualifications for students. The course that you propose to offer would be deemed equivalent to that which is offered by EPA. The individuals who successfully complete the course and pass the final written exam would be acceptable to perform the task of organic data validation for the Department of Environmental Conservation, Division of Hazardous Waste Remediation.

As we have discussed in our conversation of July 7, 1992, you will forward to me prior to the August course deadline, the differences between the EPA SOW/90 and the NYSDEC ASP 12/91. You stated these differences will be compiled by Mr. John Samulian.

I strongly encourage you to offer an inorganic data validation course. I anticipate the same list of candidates would be interested in an inorganic validation course as well, since most of the data to be validated consists of both organic and inorganic data.

Thank you for you efforts and please contact me if I can be of any further assistance.

Sincerely,

Maureen P. Serafini

Maureen P. Serafini
Environmental Chemist II
Division of Hazardous Waste
Remediation

The Professional
Development Center
AT
WESTCHESTER COMMUNITY COLLEGE

914 285-6619

October 2, 1992

Ms. Lori Beyer
3 sparkill Drive
East Northport, NY 11731

Dear Ms. Beyer:

Congratulations upon successful completion of the Organic Data Validation course held August 17 - 21, 1992, through Westchester Community College, Professional Development Center. This course has been deemed by New York State Department of Environmental Conservation as equivalent to EPA's Organic Data Validation Course.

Enclosed is your Certificate. Holders of this Certificate are deemed competent to perform organic data validation for the New York State DEC Division of Hazardous Waste Remediation.

The Professional Development Center at Westchester Community College plans to continue to offer courses and seminars which will be valuable to environmental engineers, chemists and related personnel. Current plans include a TCLP seminar on November 17th and a conference on Environmental Monitoring Regulations on November 18th.

We look forward to seeing you again soon at another environmental program or event. Again, congratulations.

Very truly yours,

Passing Grade is 70%
Your Grade is 99%

Elaine Sall
Program Coordinator

ES/bf

SUNY
WESTCHESTER COMMUNITY COLLEGE
Valhalla, New York 10595

The Professional
Development Center
AT
WESTCHESTER COMMUNITY COLLEGE

914 285-6619

June 21, 1993

Dear Ms. Beyer:

Enclosed is your graded final examination in the Inorganic Data Validation course you completed this past March. A score of 70% was required in order to receive a certificate of satisfactory completion. Persons holding this certificate are deemed acceptable to perform Inorganic Data Validation for the New York State Department of Environmental Conservation, Division of Hazardous Waste Remediation.

I am also enclosing a course evaluation for you to complete if you have not already done so. The information you provide will greatly aid us in structuring further courses. We wish to make these course offerings as relevant, targeted and comprehensive as possible. Your evaluation is vital to that end.

Congratulations on your achievement. I look forward to seeing you again at another professional conference or course. We will be co-sponsoring an environmental monitoring conference on October 21, 1993 with the New York Water Pollution Control Association, Lower Hudson Chapter, at IBM's Yorktown Heights, NY site. Information regarding this event will be going out in August.

Very truly yours,

Elaine Sall

Elaine Sall
Program Coordinator

ES/bf

Enclosures

SUNY
WESTCHESTER COMMUNITY COLLEGE
Valhalla, New York 10595

ATTACHMENT B

SAMPLE CHAIN OF CUSTODY

>> Select a Laboratory or Service Center <<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

	Project Manager:		COC No:
Client Contact	**Email:**	**Site Contact:**	**Date:**	_____ of _____ COCs
Your Company Name here	**Tel/Fax:**	**Lab Contact:**	**Carrier:**	TALS Project #:
Address	**Analysis Turnaround Time**			Sampler:
City/State/Zip	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
(xxx) xxx-xxxx Phone	TAT if different from Below _____			Walk-in Client:
(xxx) xxx-xxxx FAX	☐ 2 weeks			Lab Sampling:
Project Name:	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)															Sample Specific Notes:

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☐Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

APPENDIX M
CONSTRUCTION QUALITY ASSURANCE PLAN

350 RISING

350 GRAND CONCOURSE
BRONX, NEW YORK

Construction Quality Assurance Plan

for Remedial Action Work Plan

BCP Site Number: C203153

Prepared for:

350 GC Property Owner LLC
292 Madison Ave, 24th Floor
New York, New York 10017

For Submission to:

New York State Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor
Albany, New York 12233

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, New York 10016
(212) 696-0670

FEBRUARY 2026

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 RESPONSIBILITY AND AUTHORITY 2
2.1 Volunteer 2
2.2 Construction Quality Assurance Officer (Consultant) 2
2.3 Field Team Leader (Consultant) 2
2.4 Site Technician (Consultant) 3
3.0 FIELD QUALITY CONTROL INSPECTIONS, TESTING, AND SAMPLING 4
3.1 Mobilization 4
3.2 Soil Excavation 4
3.3 Soil Sampling 4
3.4 Groundwater Sampling 4
3.5 Loading of Waste Material for Transportation 4
3.6 Site Restoration 5
4.0 MEETINGS 6
5.0 DOCUMENTATION AND REPORTING REQUIREMENTS 7
5.1 Daily Report 7
5.2 Photographic Log 7
5.3 Sampling Documentation 7
5.4 Material Disposition Tracking 7
5.5 Green and Sustainable Remediation Tracking 7
5.6 Variances to Work Plan 8
5.7 Final Engineering Report 8
5.8 Document Storage 8

1.0 INTRODUCTION

This Construction Quality Assurance Plan (CQAP) has been prepared for remedial activities performed under the Remedial Action Work Plan (RAWP) for the property located at 350 Grand Concourse in the Mott Haven neighborhood of the Bronx, New York, hereafter referred to as the "Site". The Site is identified on the New York City (NYC) Tax Map as Block 2341, Lot 42. The Site is enrolled in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) under BCP Site No. C203153. This CQAP supplements the RAWP and provides monitoring, inspection, testing, and documentation protocols and procedures.

The following information is provided:

1. Responsibility, Authority and Qualifications – The responsibility, authority and qualifications of the key personnel involved in the project.
2. Inspection, Tracking, and Testing Activities – Inspections, tracking, and tests that will be used to verify that construction activities meet or exceed all design criteria and federal, state, and local regulations and requirements.
3. Meetings – The requirements for project coordination meetings between the Volunteer and its representatives, the remedial or environmental Contractors, and other involved parties.
4. Documentation and Reporting – Field documentation and reporting requirements.

2.0 RESPONSIBILITY AND AUTHORITY

Measures will be implemented to ensure that a functional quality control (QC) organization is active during the project and to provide support for the construction QC system in conducting inspections, tracking, tests and retesting (in the event of failure of any item of work). This includes oversight of subcontractors and compliance with contract provisions. Construction QC includes, but is not limited to, the inspections, tracking, and tests required in the RAWP and approved submittals and will cover all project operations. A consultant hired by the BCP Volunteer (Volunteer) will manage field activities and coordinate the contractor's activities.

2.1 Volunteer

350 GC Property Owner LLC (referred to as the "Volunteer") is responsible for coordinating the project, including activities of the Site consultant, contractor(s) and subcontractor(s), to comply with the requirements of the RAWP and regulatory agencies. The Volunteer is also responsible for completing and submitting documentation required by the RAWP, the CQAP, and the Quality Assurance Project Plan (QAPP) and has the authority to accept or reject the materials and workmanship of any subcontractors at the Site.

2.2 Construction Quality Assurance Officer (Consultant)

The Construction Quality Assurance (QA) Officer will be an employee of AKRF, Inc. (AKRF), the consultant hired by the Volunteer and will perform activities that are necessary to assure the quality of construction. He/she will be on-site as required during construction activities and will have the authority to take any action necessary to maintain compliance with the RAWP and approved submittals and to monitor construction quality.

Specific responsibilities of the Construction QA Officer include:

- Supporting the Volunteer and the consultant's field staff;
- Evaluating construction activities and activities of the field staff;
- Verifying that remedial activities are performed in accordance with the RAWP, approved submittals, and with federal, state, and local regulations and requirements;
- Verifying that data are properly recorded, validated, reduced, summarized, and inspected;
- Verifying that green and sustainable remediation tracking is being performed;
- Evaluating sampling and monitoring activities;
- Educating the field staff on construction QC requirements and procedures; and
- Scheduling and coordinating inspections.

2.3 Field Team Leader (Consultant)

The Field Team Leader will be an employee of AKRF and will be on-site during remedial construction activities. He/she will have authority to take any action necessary to maintain compliance with the RAWP and approved submittals and to maintain construction quality. The Field Team Leader will also manage the field staff discussed in this CQAP.

Specific responsibilities of the Field Team Leader include:

- Reviewing the RAWP for clarity and completeness so that the construction activities can be effectively implemented;
- Verifying that the contractor's work is in accordance with the RAWP, approved submittals (including green and sustainable remediation tracking), and this CQAP;

- Performing on-site inspection of the work in progress to assess compliance with the RAWP, approved submittals, and this CQAP;
- Scheduling and coordinating inspections;
- Reporting the results of all observations and tests as the work progresses and modifying materials and work to comply with the RAWP and approved submittals as noted below:
    1. Providing daily reports on field construction, material shipments, and inspection results.
    2. Review and interpretation of all data, drawings, and reports.
    3. Identification of all work that should be accepted, rejected, or uncovered for observation, or that may require special testing, inspection, or approval.
    4. Rejection of defective work and verification that corrective measures are implemented.
    5. Making observations and records that will aid in the preparation of a report on remedial activities.
- Inspecting each delivery of materials and/or equipment;
- Reporting to the Construction QA Officer the results of all inspections, including work that is not of acceptable quality or that fails to meet the requirements of the RAWP, approved submittals, and this CQAP;
- Verifying that testing equipment meets established requirements that the tests are conducted according to the proper standardized procedures;
- Confirming that testing equipment, personnel, and procedures do not change over time, or making sure that any changes do not adversely impact the inspection process;
- Confirming that regular calibration of testing equipment occurs and is properly recorded; and
- Confirming that waste treatment or disposal is performed in accordance with applicable federal, state, and local laws and regulations.

2.4 Site Technician (Consultant)

A qualified scientist, geologist, or engineer (supplemented by additional personnel, if necessary) from AKRF will be on-site during remedial construction documenting site personnel, equipment, samples collected, contamination observations and any other observations of field activities. Specific responsibilities include:

- Calibration, operation, and maintenance of air monitoring instrumentation in accordance with the RAWP and approved submittals;
- Collecting, packaging, and shipping of environmental samples in accordance with the RAWP and QAPP;
- Documenting sample collection in a field notebook and identifying all sample locations in a field notebook or Site drawing;
- Preparing and logging manifests for transportation of any non-hazardous and hazardous materials;
- Informing the Site Project Coordinator when (if) the concentrations of air contaminants exceed action levels specified in the RAWP; and
- Maintaining and organizing the field equipment and supply storage area.

3.0 FIELD QUALITY CONTROL INSPECTIONS, TESTING, AND SAMPLING

The definable features of work are described in the RAWP. This section describes the anticipated inspection, testing, and sampling requirements associated with these definable features of work.

3.1 Mobilization

Inspections will be performed to assure that Site laydown areas, support facilities, sediment and erosion controls, and air monitoring systems are established in accordance with the RAWP and approved submittals. In addition, the stakeout of existing utilities in work areas and the maintenance of Site security will be verified. There are no testing and sampling requirements associated with mobilization of the contractor(s).

Each delivery of materials and/or equipment will be inspected relative to approved submittals. Approved materials and/or equipment will be stored at a designated area of the Site.

Equipment will be set up and tested in accordance with the RAWP and approved submittals.

3.2 Soil Excavation

The Soil/Materials Management Plan (SMMP), Section 7.4 of the RAWP, outlines the procedures to be performed during the handling of soil/fill materials on-site during all intrusive work. Inspections will be performed during soil excavation activities including concrete removal, soil excavation, stockpiling, and load out, shoring, and re-use and backfilling (if any). Any impacts to building structural elements will be documented and assessed immediately. AKRF will confirm that all soil excavation related work will be conducted as specified in the RAWP, or are equivalent. Air monitoring will be conducted as outlined in the Community Air Monitoring Plan provided as Appendix M of the RAWP. Soil screening will be conducted as outlined in Section 7.4.1 of the RAWP. Any corrective actions will be summarized in the Daily Reports.

3.3 Soil Sampling

Soil sampling activities at the Site include waste classification sampling, endpoint and/or reuse sampling, and sampling of clean backfill from off-site sources. Proposed endpoint sample locations are shown on Figure 10 of the RAWP. All soil sampling activities will be conducted in accordance with the Quality Assurance Project Plan (QAPP) included as Appendix K of the RAWP and Sections 7.2 and 7.4 of the RAWP. The applicable Soil Cleanup Objectives (SCOs) for this Site are the Track 2 Restricted Residential SCOs for all compounds and Protection of Groundwater SCOs for petroleum related volatile organic compounds.

Soil and materials management on-site and off-site will be conducted in accordance with the SMMP (Section 7.4 of the RAWP).

3.4 Groundwater Sampling

Groundwater sampling activities at the Site will include monitoring associated with a groundwater treatment program and long-term monitoring, which will be conducted in accordance with the QAPP (Appendix K).

3.5 Loading of Waste Material for Transportation

Inspections will be conducted to verify that material removed from the Site is properly loaded for transfer to a permitted treatment/disposal facility. Manifests and bills of lading will be maintained and will be included as an Appendix in the Final Engineering Report (FER).

3.6 Site Restoration

Site restoration will be observed and recorded to verify compliance with the RAWP and approved submittals. The surface will be restored to match the surrounding ground surface.

4.0 MEETINGS

A pre-construction meeting will be held with representatives of NYSDEC, NYC Office of Environmental Remediation, the consultants, and contractor(s) performing the work prior to the start of major construction activities. Additional meetings will be called as necessary if work conditions change or deviations are necessary.

Project personnel and visitors will be given health and safety briefings periodically by the Site Technician or Field Team Leader to assist Site personnel in safely conducting their work activities. The safety briefings will include information on new operations to be conducted, changes in work practices or changes in the Site's environmental conditions, as well as periodic reinforcement of previously discussed topics.

5.0 DOCUMENTATION AND REPORTING REQUIREMENTS

The value of the CQAP will be assured by proper documentation. The inspectors will use data sheets, field reports, log forms, schedules, and checklists to document Site work and verify compliance with the RAWP and approved submittals. Documentation will include, at a minimum, the following reports and information:

- Daily field construction reports
- Photographs
- Sampling chains of custody
- Material disposition logs
- Variances to the RAWP and approved submittals

5.1 Daily Report

The Site Technician or Field Team Leader will prepare a daily report that identifies the following:

- Work force and visitors to the Site;
- An update of progress made during the reporting day;
- Locations of work and quantities of material imported and exported from the Site;
- References to alphanumeric grid map for Site activities;
- A summary of any and all complaints with relevant details (names, phone numbers);
- A summary of air monitoring findings, including excursions;
- Apparent deviations from the RAWP;
- Weather conditions;
- Photographs of the Site and pertinent work; and
- An explanation of notable Site conditions.

5.2 Photographic Log

The photographic log will be kept to document construction activities by still photographs. The photographic log may also be used to record activities recorded in the daily report. All photographs will be taken with a camera capable of producing date and timestamps.

5.3 Sampling Documentation

The project field book will be used to document all sampling activities and how they correspond to the RAWP. All observations and field and/or laboratory tests will be recorded in the project field book or on separate logs. Recorded field observations may take the form of notes, charts, sketches, or photographs.

5.4 Material Disposition Tracking

All materials that are taken off-site for disposal will be tracked and final disposition confirmed. Copies of all waste manifests and bills of lading will be maintained by the Project Manager.

5.5 Green and Sustainable Remediation Tracking

Green and sustainable remediation metrics will be tracked during implementation of the Remedial Action, including a comparison to the goals established during the remedial design program.

Tracking forms will be completed by the contractors completing the Remedial Action and maintained by the Project Manager.

5.6 Variances to Work Plan

Required changes to the RAWP will be documented as construction proceeds. Any material deviations from the NYSDEC-approved RAWP will be communicated to NYSDEC Project Manager. NYSDEC approval will be sought prior to proceeding with work deviating materially from the RAWP. In the event of an emergency change to the work plan, NYSDEC Project Manager will be consulted immediately.

5.7 Final Engineering Report

At the completion of the project the consultant/construction manager will prepare an FER. This report will describe the implementation of the RAWP and will include a summary of the field work, as-built drawings for constructed elements, manifests, bills of lading, documentation of green and sustainable remediation tracing, test results demonstrating that all mitigation and remedial systems are functioning properly, and photographic documentation. The FER will also include a description of the changes in the Remedial Action from the elements provided in the RAWP.

5.8 Document Storage

The Field Team Leader will maintain the current field book and all original field paperwork during the performance of work. The Project Manager will maintain the field paperwork after completion and will maintain all submittal document files.

APPENDIX N
COMMUNITY AIR MONITORING PLAN

350 RISING

350 GRAND CONCOURSE
BRONX, NEW YORK

Community Air Monitoring Plan

for Remedial Action Work Plan

BCP Site Number: C203153

Prepared for:

350 GC Property Owner LLC
292 Madison Ave, 24th Floor
New York, New York 10017

For Submission to:

New York State Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor
Albany, New York 12233

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, New York 10016
(212) 696-0670

FEBRUARY 2026

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 AIR MONITORING PROGRAM 2
2.1 Community Air Monitoring Plan 2
2.1.1 Roving Air Monitoring 2
2.1.2 Fixed Air Monitoring Stations 3
2.1.3 Community Air Monitoring Action Levels 3
2.2 Project Contacts 5

FIGURE

Figure 1 – BCP Site Location

TABLE

Table 1 – Project Contacts

ATTACHMENT

Attachment A – NYSDOH Generic CAMP

1.0 INTRODUCTION

This Community Air Monitoring Plan (CAMP) was prepared by AKRF, Inc. (AKRF) on behalf of 350 GC Property Owner LLC (the "Volunteer") for the 350 Rising site, located at 350 Grand Concourse in the Mott Haven neighborhood of the Bronx, New York, hereafter referred to as the "Site". The Site is identified on the New York City (NYC) Tax Map as Block 2341, Lot 42. This CAMP was as part of the Remedial Action Work Plan (RAWP) and for implementation by AKRF personnel and personnel working under the RAWP. A map showing the Site location is provided as Figure 1. The surrounding area is developed with automotive, commercial, transit, and residential uses.

Historic records indicated that as early as 1891, the Site was developed with several two- to four-story dwellings and from 1908-1935, the southern portion of the Site was depicted as the NYC and HR Railroad Co. with multiple two- to four-story structures. By 1935, the Site was occupied by automotive related businesses/facilities and uses that included various gasoline filling stations, auto sales, and auto body repair with associated gasoline USTs between 1944 and 2021. The Site was also listed on the NYSDEC Petroleum Bulk Storage (PBS) database with three out-of-service 12,000-gallon gasoline USTs. Site operations ceased in November 2021; all on-site buildings were demolished under an Interim Remedial Measure Work Plan in July through August 2022. Site contamination, present in soil, groundwater, and soil vapor across the Site, appears to be related to the Site's historic automotive uses

All AKRF employees are directed that all work must be performed in accordance with the AKRF's Generic HASP and all Occupation Safety and Health Administration (OSHA)-applicable regulations for the work activities required for the project. All project personnel are furthermore directed that they are not permitted to enter Permit Required Confined Spaces (as defined by OSHA). For issues unrelated to contaminated materials, all non-AKRF employees are to be bound by all applicable OSHA regulations as well as any more stringent requirements specified by their employer in their corporate HASP or otherwise. AKRF is not responsible for providing oversight for issues unrelated to contaminated materials for non-employees. This oversight shall be the responsibility of the employer of that worker or other official designated by that employer.

2.0 AIR MONITORING PROGRAM

The purpose of the air monitoring program is to identify any exposure of the field personnel and the surrounding community to potential environmental hazards in the soil and soil vapor. Results of the air monitoring will be used to determine the appropriate response action, if needed.

Site-wide monitoring for particulates and volatile organic compounds (VOCs) will be conducted during remedial excavation in conformance with the New York State Department of Health (NYSDOH) Generic CAMP (Attachment A). Real-time air monitoring for VOCs and particulate levels will be performed at the perimeter of the work area during ground intrusive activities, and during the handling of contaminated or potentially contaminated media. Ground intrusive activities include, but are not limited to, remedial excavation, site grading, stockpiling soil/fill, and/or loading trucks for off-site disposal.

When the remedial excavation work area is within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for VOCs and particulates will reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. Engineering controls such as temporary vapor/dust barriers, temporary negative-pressure enclosures, and/or special ventilation devices will be considered to prevent exposures related to the work activities and to control dust and odors, if necessary. Consideration will also be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings, if necessary.

2.1 Community Air Monitoring Plan

Community air monitoring will be conducted during all intrusive Site activities in compliance with the NYSDOH Generic CAMP and this Site-Specific CAMP. Real-time air monitoring for VOCs and dust at the perimeter of the exclusion zone will be performed as described below. Exceedances of CAMP action levels will be immediately reported to the NYSDEC and NYSDOH project managers, and CAMP reports will be included in the daily reports submitted to NYSDEC and NYSDOH.

2.1.1 Roving Air Monitoring

VOC Monitoring

Continuous monitoring for VOCs will be conducted during all ground intrusive activities, including excavation and tank removal activities. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background concentrations. VOCs will be monitored hourly at the downwind perimeter of the exclusion zone. Monitoring will be conducted with a photoionization detector (PID) equipped with a 10.6 electron Volt (eV) lamp capable of calculating 15-minute running average concentrations.

Periodic monitoring for VOCs will be conducted during non-intrusive activities, such as the collection of excavation endpoint soil samples. Periodic monitoring may include obtaining measurements upon arrival at a location and upon leaving the location.

More frequent intervals of monitoring will be conducted if required, as determined by the Site Safety Officer (SSO). All PID readings will be recorded and available for NYSDEC and NYSDOH personnel to review. Instantaneous readings, if any, will also be recorded.

Particulate Monitoring

Hourly monitoring for particulates will be conducted during all ground intrusive activities, which will involve the measurement of respirable dust. Community air monitoring for dust

particulates will be conducted using a TSI 8530 DustTrak II or equivalent to measure the concentration of airborne respirable particulates less than 10 micrometers in size (PM_{10}). The dust monitor will be capable of calculating 15-minute running average concentrations and equipped with an audible alarm to indicate exceedance of action levels. Background readings and any readings that trigger response actions will be recorded in the project logbook, which will be available on-site for NYSDOH and/or NYSDEC review.

2.1.2 Fixed Air Monitoring Stations

Two fixed air monitoring stations will be utilized at the Site during soil disturbing activities. The fixed monitoring stations will be set up at the upwind and downwind perimeters of the exclusion zone during all ground intrusive activities and will continuously log VOC and particulate levels. Each fixed monitoring station will be fully enclosed and equipped with the following:

- A PID equipped with a 10.6 eV lamp capable of calculating 15-minute running average VOC concentrations;
- A TSI 8530 DustTrak II or equivalent dust monitor capable of measuring the concentration of airborne respirable particulates less than 10 micrometers in size (PM_{10}) and calculating 15-minute running average particulate concentrations; and
- A Netronix™ Thiamus™ ICU-820 or equivalent Global System for Mobile Communication (GSM)/Global Positioning System (GPS) device capable of recording air monitoring and location data.

Each monitoring station will be capable of sending e-mail alerts to the SSO to indicate an exceedance of action levels. Additionally, the SSO will conduct an inspection of the monitoring stations on at least an hourly basis. Upon completion of Site activities, all air monitoring data will be available to download via the Environet® website. All air monitoring data recorded at the fixed monitoring stations will be available for NYSDOH and/or NYSDEC review and will be included in the Final Engineering Report (FER).

2.1.3 Community Air Monitoring Action Levels

VOC Action Levels

The following actions will be taken based on organic vapor levels measured:

- If total organic vapor levels exceed 5 parts per million (ppm) above background for the 15-minute average at the exclusion zone perimeter, work activities will be temporarily halted and monitoring continued. If levels readily decrease (per instantaneous readings) below 5 ppm above background, work activities will resume with continued monitoring.
- If total organic vapor levels at the exclusion zone perimeter persist at levels above 5 ppm above background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities will resume provided that the total organic vapor level 200 feet downwind of the hot zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less – but in no case less than 20 feet – is below 5 ppm above background for the 15-minute average.
- If the total organic vapor level is above 25 ppm at the perimeter of the exclusion zone, activities will be shutdown.

Particulate Action Levels

The following actions will be taken based on particulate levels measured:

- If the particulate concentrations are greater than 100 micrograms per cubic meter ($\mu g/m^3$) above background, and no other obvious source is apparent, then it will be assumed that the elevated particulate concentrations are a result of site activities. In such instances, dust suppression measures will be implemented and monitoring will be continued. Work will be allowed to continue with dust suppression if particulate levels do not exceed 150 $\mu g/m^3$ above the background and provided that no visible dust is migrating from the work area.
- If particulate levels persist at 150 $\mu g/m^3$ above the background, work must be stopped until dust suppression measures bring particulate levels to below 150 $\mu g/m^3$ above background.

Major Vapor Emission Response Plan

If any organic levels greater than 5 ppm over background are identified 200 feet downwind from the work Site, or half the distance to the nearest residential or commercial property, whichever is less, all work activities must be halted or vapor controls must be implemented.

If, following the cessation of the work activities, or as the result of an emergency, organic levels persist above 5 ppm above background 200 feet downwind or half the distance to the nearest residential or commercial property from the exclusion zone, then the air quality must be monitored within 20 feet of the perimeter of the nearest residential or commercial structure (20 Foot Zone).

If either of the following criteria is exceeded in the 20 Foot Zone, then the Major Vapor Emission Response Plan shall automatically be implemented:

- Sustained organic vapor levels approaching 1 ppm above background for a period of more than 30 minutes; or
- Organic vapor levels greater than 5 ppm above background for any time period.

Upon activation, the following activities shall be undertaken as part of the Major Vapor Emission Response Plan:

- The NYSDEC, NYSDOH, and local police authorities will be immediately contacted by the SSO and advised of the situation;
- Frequent air monitoring will be conducted at 30-minute intervals within the 20 Foot Zone. If two successive readings below action levels are measured, air monitoring may be halted or modified by the Site Health and Safety Officer; and
- All Emergency contacts will go into effect as appropriate.

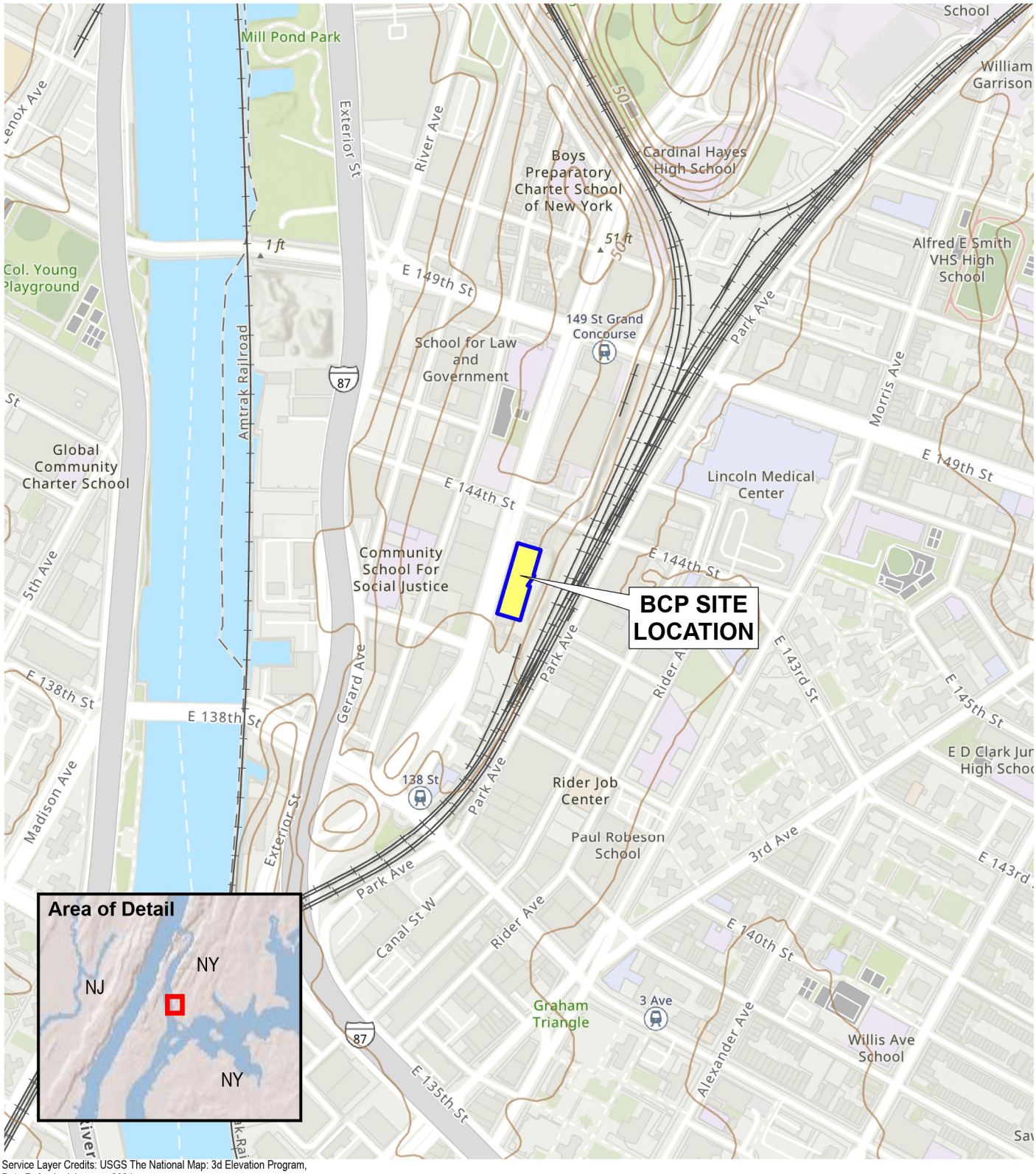
All readings will be recorded and be available for NYSDEC and NYSDOH personnel to review.

2.2 Project Contacts

Table 1
Project Contacts

Company	Individual Name	Title	Contact Number
AKRF	Rebecca Kinal, P.E.	Remedial Engineer	914-922-2362 (office)
	Marc Godick, QEP	Quality Assurance Officer	914-922-2356 (office)
	Kenneth Wiles	Project Manager	646-388-9528 (office)
	Mackenzie Miller	SSO	631-357-9404 (cell)
350 GC Property Owner LLC	Patrick Taylor	Volunteer Representative	212-335-2317 (office)
NYSDEC	Javier Perez-Maldonado	Project Manager	(518) 402-8172
NYSDOH	Kristin Kulow	Project Manager	(607) 353-4335

FIGURE



Service Layer Credits: USGS The National Map: 3d Elevation Program, Data Refreshed January, 2024

0 600 1,200

SCALE IN FEET

N

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx2/9/2026 5:56 PM240979 Fig 1 Site Locationmveilleux

akrf

440 Park Avenue South, New York, NY 10016

350 Rising
350 Grand Concourse
Bronx, New York

BCP SITE LOCATION

DATE
2/9/2026

PROJECT NO.
240979

FIGURE
1

ATTACHMENT A

NEW YORK STATE DEPARTMENT OF HEALTH GENERIC CAMP

Appendix 1A
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. “Periodic” monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

Appendix 1B
Fugitive Dust and Particulate Monitoring

A program for suppressing fugitive dust and particulate matter monitoring at hazardous waste sites is a responsibility on the remedial party performing the work. These procedures must be incorporated into appropriate intrusive work plans. The following fugitive dust suppression and particulate monitoring program should be employed at sites during construction and other intrusive activities which warrant its use:

1. Reasonable fugitive dust suppression techniques must be employed during all site activities which may generate fugitive dust.

2. Particulate monitoring must be employed during the handling of waste or contaminated soil or when activities on site may generate fugitive dust from exposed waste or contaminated soil. Remedial activities may also include the excavation, grading, or placement of clean fill. These control measures should not be considered necessary for these activities.

3. Particulate monitoring must be performed using real-time particulate monitors and shall monitor particulate matter less than ten microns (PM10) with the following minimum performance standards:

(a) Objects to be measured: Dust, mists or aerosols;
(b) Measurement Ranges: 0.001 to 400 mg/m3 (1 to 400,000 :ug/m3);
(c) Precision (2-sigma) at constant temperature: +/- 10 :g/m3 for one second averaging; and +/- 1.5 g/m3 for sixty second averaging;
(d) Accuracy: +/- 5% of reading +/- precision (Referred to gravimetric calibration with SAE fine test dust (mmd= 2 to 3 :m, g= 2.5, as aerosolized);
(e) Resolution: 0.1% of reading or 1g/m3, whichever is larger;
(f) Particle Size Range of Maximum Response: 0.1-10;
(g) Total Number of Data Points in Memory: 10,000;
(h) Logged Data: Each data point with average concentration, time/date and data point number
(i) Run Summary: overall average, maximum concentrations, time/date of maximum, total number of logged points, start time/date, total elapsed time (run duration), STEL concentration and time/date occurrence, averaging (logging) period, calibration factor, and tag number;
(j) Alarm Averaging Time (user selectable): real-time (1-60 seconds) or STEL (15 minutes), alarms required;
(k) Operating Time: 48 hours (fully charged NiCd battery); continuously with charger;
(l) Operating Temperature: -10 to 50^{o} C (14 to 122^{o} F);
(m) Particulate levels will be monitored upwind and immediately downwind at the working site and integrated over a period not to exceed 15 minutes.

4. In order to ensure the validity of the fugitive dust measurements performed, there must be appropriate Quality Assurance/Quality Control (QA/QC). It is the responsibility of the remedial party to adequately supplement QA/QC Plans to include the following critical features: periodic instrument calibration, operator training, daily instrument performance (span) checks, and a record keeping plan.

5. The action level will be established at 150 ug/m3 (15 minutes average). While conservative,

this short-term interval will provide a real-time assessment of on-site air quality to assure both health and safety. If particulate levels are detected in excess of 150 ug/m3, the upwind background level must be confirmed immediately. If the working site particulate measurement is greater than 100 ug/m3 above the background level, additional dust suppression techniques must be implemented to reduce the generation of fugitive dust and corrective action taken to protect site personnel and reduce the potential for contaminant migration. Corrective measures may include increasing the level of personal protection for on-site personnel and implementing additional dust suppression techniques (see paragraph 7). Should the action level of 150 ug/m3 continue to be exceeded work must stop and DER must be notified as provided in the site design or remedial work plan. The notification shall include a description of the control measures implemented to prevent further exceedances.

6. It must be recognized that the generation of dust from waste or contaminated soil that migrates off-site, has the potential for transporting contaminants off-site. There may be situations when dust is being generated and leaving the site and the monitoring equipment does not measure PM10 at or above the action level. Since this situation has the potential to allow for the migration of contaminants off-site, it is unacceptable. While it is not practical to quantify total suspended particulates on a real-time basis, it is appropriate to rely on visual observation. If dust is observed leaving the working site, additional dust suppression techniques must be employed. Activities that have a high dusting potential--such as solidification and treatment involving materials like kiln dust and lime--will require the need for special measures to be considered.

7. The following techniques have been shown to be effective for the controlling of the generation and migration of dust during construction activities:

(a) Applying water on haul roads;
(b) Wetting equipment and excavation faces;
(c) Spraying water on buckets during excavation and dumping;
(d) Hauling materials in properly tarped or watertight containers;
(e) Restricting vehicle speeds to 10 mph;
(f) Covering excavated areas and material after excavation activity ceases; and
(g) Reducing the excavation size and/or number of excavations.

Experience has shown that the chance of exceeding the 150ug/m3 action level is remote when the above-mentioned techniques are used. When techniques involving water application are used, care must be taken not to use excess water, which can result in unacceptably wet conditions. Using atomizing sprays will prevent overly wet conditions, conserve water, and provide an effective means of suppressing the fugitive dust.

8. The evaluation of weather conditions is necessary for proper fugitive dust control. When extreme wind conditions make dust control ineffective, as a last resort remedial actions may need to be suspended. There may be situations that require fugitive dust suppression and particulate monitoring requirements with action levels more stringent than those provided above. Under some circumstances, the contaminant concentration and/or toxicity may require additional monitoring to protect site personnel and the public. Additional integrated sampling and chemical analysis of the dust may also be in order. This must be evaluated when a health and safety plan is developed and when appropriate suppression and monitoring requirements are established for protection of health and the environment.

APPENDIX O
REQUEST TO IMPORT/REUSE SOIL OR FILL FORM

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Choose an item

Have Ecological Resources been identified? Choose an item

Is this soil originating from the site? Choose an item

How many cubic yards of soil will be imported/reused? Choose an item

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? Choose an item

Does it contain less than 10%, by weight, material that passes a size 100 sieve? Choose an item

Is this virgin material from a permitted mine or quarry? Choose an item

Is this material recycled concrete or brick from a DEC registered processing facility? Choose an item

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

_____ _____

Signature Date

_____

Print Name

_____

Firm

Revised April 2023

APPENDIX P
GROUNDWATER TREATMENT MANUFACTURER TECHNICAL DESIGN MEMO

REGENESIS

Technology-Based Solutions for the Environment

PROJECT NAME

350 Grand Concourse

Technical Design Memo: ORC Advanced Dosing Rationale

PREPARED FOR

AKRF
Kenneth Wiles
kwiles@akrf.com

PREPARED BY

REGENESIS

Brian Henderson
bhenderson@regenesis.com

February 08, 2026

Project Summary

REGENESIS appreciates the opportunity to provide AKRF our remedial design and cost estimate for the 350 Grand Concourse project. This proposal includes an overview of our proposed solution, the project goals, technologies proposed, application design summary table and a treatment area map.

Proposed Solution

We propose the application of ORC Advanced® (ORC-A) to the backfill of the planned excavation to address petroleum hydrocarbon and associated VOC impacts. The total excavation footprint is 9,500 square feet in area and broken up into a 500 square-foot MW-14 hot spot and a remaining 9,000 square-foot lower dose area.

The scope consists of applying the prescribed quantity of ORC-A within the clean backfill at the water table depth. The thickness varies from 3 feet in the MW-14 Hot Spot to 1 to 2 vertical feet in the remaining lower dose area. Once the ORC-A powder is laid onto the backfill, mix thoroughly with the excavator bucket at a rate of at least 1 to 3 minutes per cubic yard for even distribution and to maximize contact with the petroleum-related VOC's dissolved in groundwater.

Technology Description

Petroleum hydrocarbon plumes are typically depleted in oxygen, which limits the ability of naturally occurring microorganisms to degrade petroleum hydrocarbons. ORC-A supplies a controlled release of oxygen for 9-12 months in the target treatment zone to create and support the geochemical environment necessary for aerobic biodegradation of contaminants.

ORC-A is engineered for use in excavations. They may be spread with mechanical equipment or by hand. Regardless of the methods used to emplace the powder, the product should be spread evenly across the excavation area both horizontally and vertically within the saturated zone targeted for treatment.

Amended Excavation ORC-ADesign Rationale

For excavation applications, ORC-A dosing is based on empirically derived rule-of-thumb ranges rather than strict stoichiometric calculations. ORC-A is not a chemical oxidant and does not directly destroy contaminant mass. Instead, it serves as a slow-release oxygen source, gradually releasing dissolved oxygen over several months once placed in saturated soils. This sustained oxygen availability is intended to stimulate and maintain aerobic microbial activity, which drives biodegradation of residual petroleum hydrocarbons remaining after soil excavation.

Because excavation removes the majority of contaminant soil mass, remaining impacts are typically limited to residual smear-zone soils and dissolved-phase groundwater. Under these conditions, treatment effectiveness is controlled primarily by mixing efficiency, saturation, soil heterogeneity, and oxygen diffusion over time, rather than theoretical oxygen demand. As a result, ORC-A excavation designs focus on achieving long-term aerobic conditions using standardized dosing ranges with demonstrated field performance.

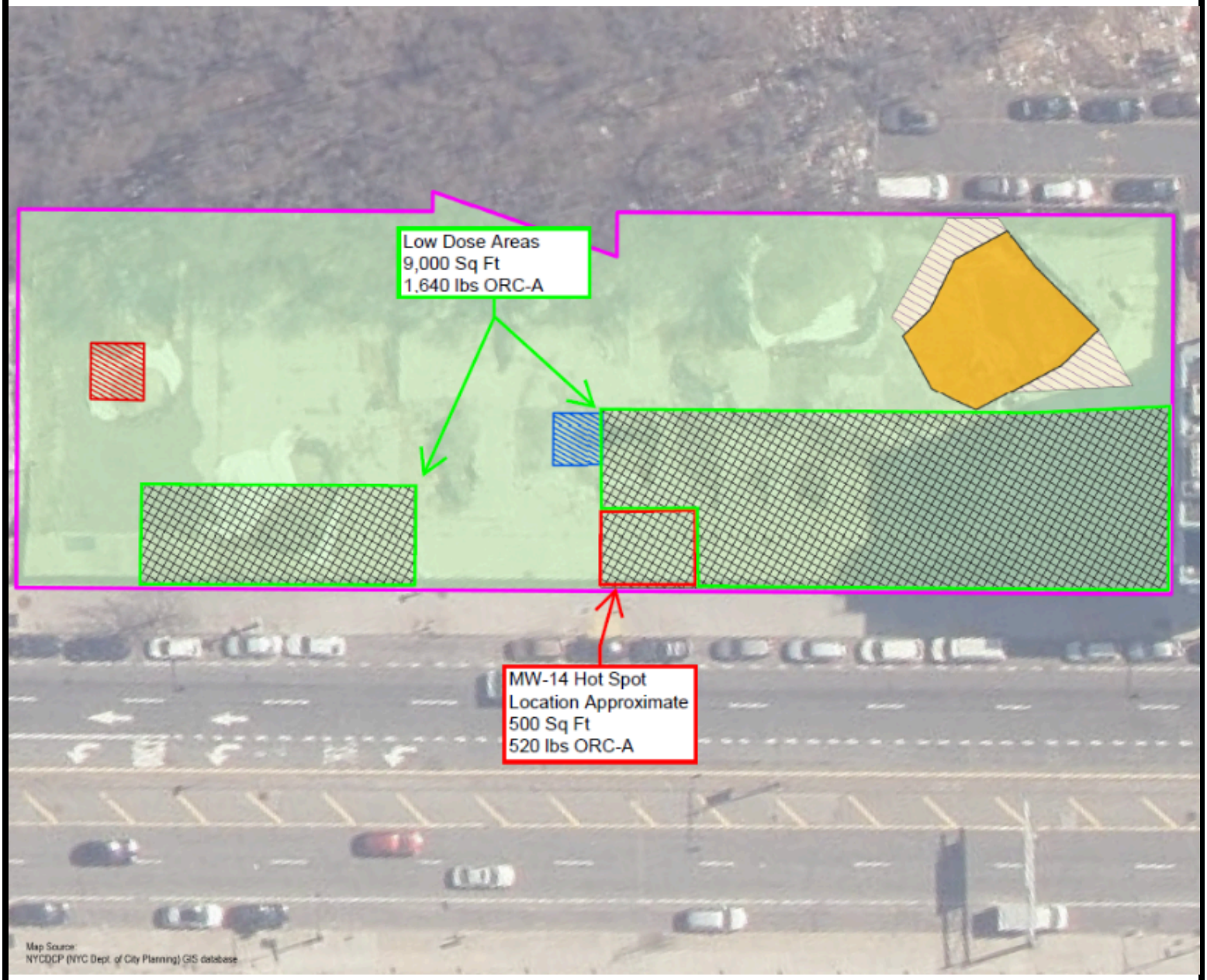
Technical Resources

- ORC Advanced Technical Bulletin: Compatibility with Underground Storage Structures and Pipes

REMEDIAL DESIGN SUMMARRIES

Project Info		
350 Grand Concourse		
New York City, NY		
MW-14 Hot Spot		
Prepared For:		
Kenneth Wiles, AKRF		
Target Treatment Zone (TTZ) Info	**Unit**	**Value**
Treatment Area	ft^2	500
Top Treatment Depth	ft	17.0
Bottom Treatment Depth	ft	20.0
Vertical Treatment Interval	ft	3.0
Treatment Zone Volume	ft^3	1,500
Treatment Zone Volume	cy	56
Soil Type	-	sand
Porosity	cm^3/cm^3	0.33
Effective Porosity	cm^3/cm^3	0.20
Treatment Zone Pore Volume	gals	3,703
Treatment Zone Effective Pore Volume	gals	2,244
Treatment Zone Pore Volume	liters	14,017
Treatment Zone Effective Pore Volume	liters	8,495
Fraction Organic Carbon (foc)	g/g	0.002
Soil Density	g/cm^3	1.7
Soil Density	lb/ft^3	108
Soil Weight	lbs	1.6E+05
Recommended Weight of ORC Advanced/Wt. of Soil	%	0.30%
ORC Advanced Required	lbs	520.0
Estimated Degradation Capacity as TPH	lbs	26.0
ORC Advanced® Pellets Application Design Summary		
Application Method	-	**Amended Excavation**
Excavation Width	ft	25
Excavation Length	ft	20
Areal Extent	sq. ft.	500
Top Application Depth	ft. bgs	17.0
Bottom Application Depth	ft. bgs	20
Estimated Saturated Treatment Thickness	ft	3.0
ORC Advanced to be Applied	**lbs**	**520**
ORC Advanced per 1 ft lift	lb/ft	173
Application Dosing	**Unit**	**Value**
ORC Advanced to be Applied	**lbs**	**520**

Project Info		
350 Grand Concourse		
New York City, NY		
Remaining Low Dose Treatment		
Prepared For:		
Kenneth Wiles, AKRF		
Target Treatment Zone (TTZ) Info	**Unit**	**Value**
Treatment Area	ft^2	9,000
Top Treatment Depth	ft	18.5
Bottom Treatment Depth	ft	20.0
Vertical Treatment Interval	ft	1.5
Treatment Zone Volume	ft^3	13,500
Treatment Zone Volume	cy	500
Soil Type	-	sand
Porosity	cm^3/cm^3	0.33
Effective Porosity	cm^3/cm^3	0.20
Treatment Zone Pore Volume	gals	33,326
Treatment Zone Effective Pore Volume	gals	20,197
Treatment Zone Pore Volume	liters	126,151
Treatment Zone Effective Pore Volume	liters	76,455
Fraction Organic Carbon (foc)	g/g	0.002
Soil Density	g/cm^3	1.7
Soil Density	lb/ft^3	108
Soil Weight	lbs	1.5E+06
Recommended Weight of ORC Advanced/Wt. of Soil	%	0.11%
ORC Advanced Required	lbs	1,640.0
Estimated Degradation Capacity as TPH	lbs	82.0
ORC Advanced® Pellets Application Design Summary		
Application Method	-	**Amended Excavation**
Excavation Width	ft	90
Excavation Length	ft	100
Areal Extent	sq. ft.	9,000
Top Application Depth	ft. bgs	18.5
Bottom Application Depth	ft. bgs	20
Estimated Saturated Treatment Thickness	ft	1.5
ORC Advanced to be Applied	**lbs**	**1,640**
ORC Advanced per 1 ft lift	lb/ft	1,093
Application Dosing	**Unit**	**Value**
ORC Advanced to be Applied	**lbs**	**1,640**



350 Grand Concourse

AKRF

February 08, 2026

Figure 1-Treatment Area Map

REGENESIS

Technology-Based Solutions for the Environment